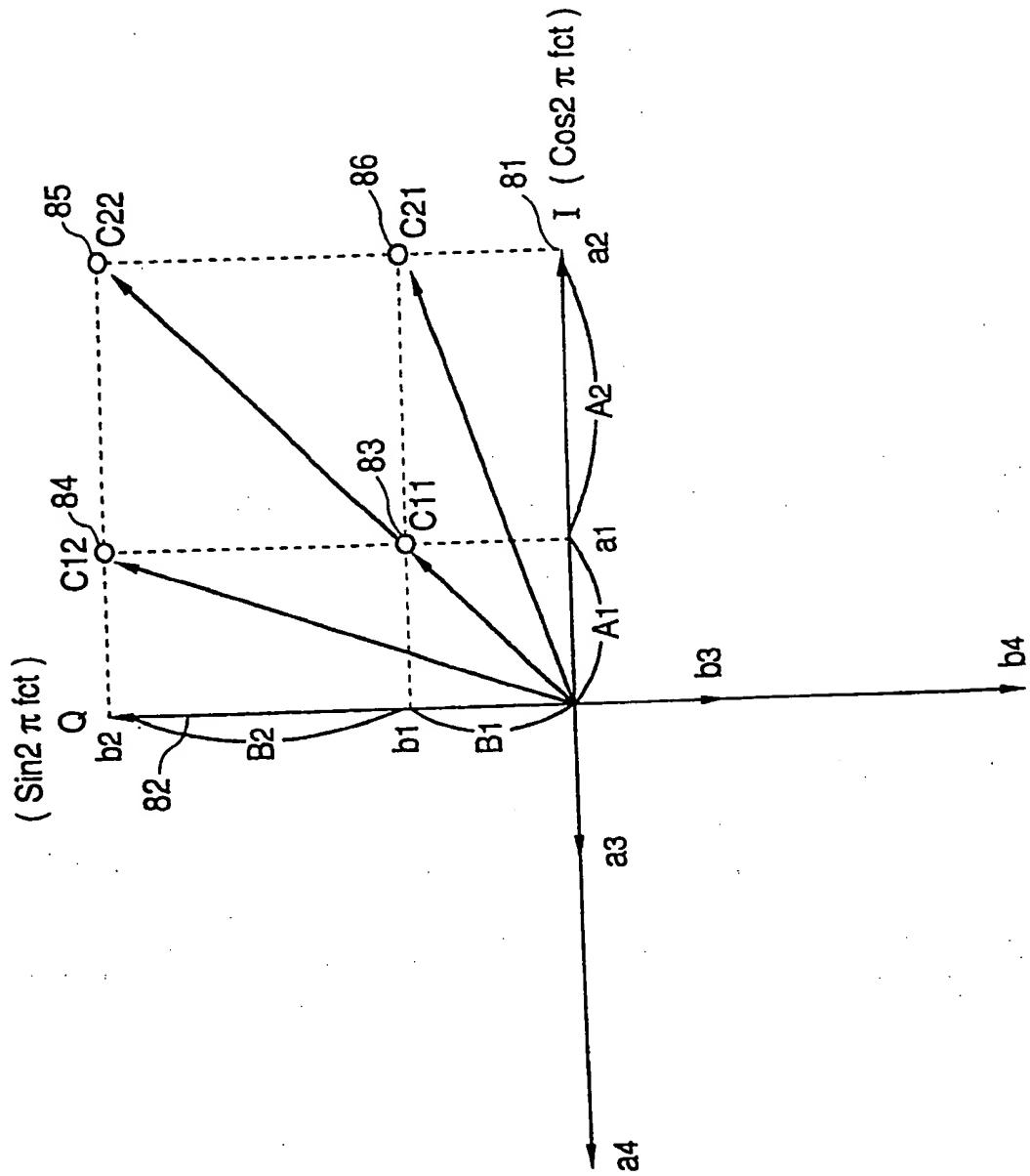


FIG. 3



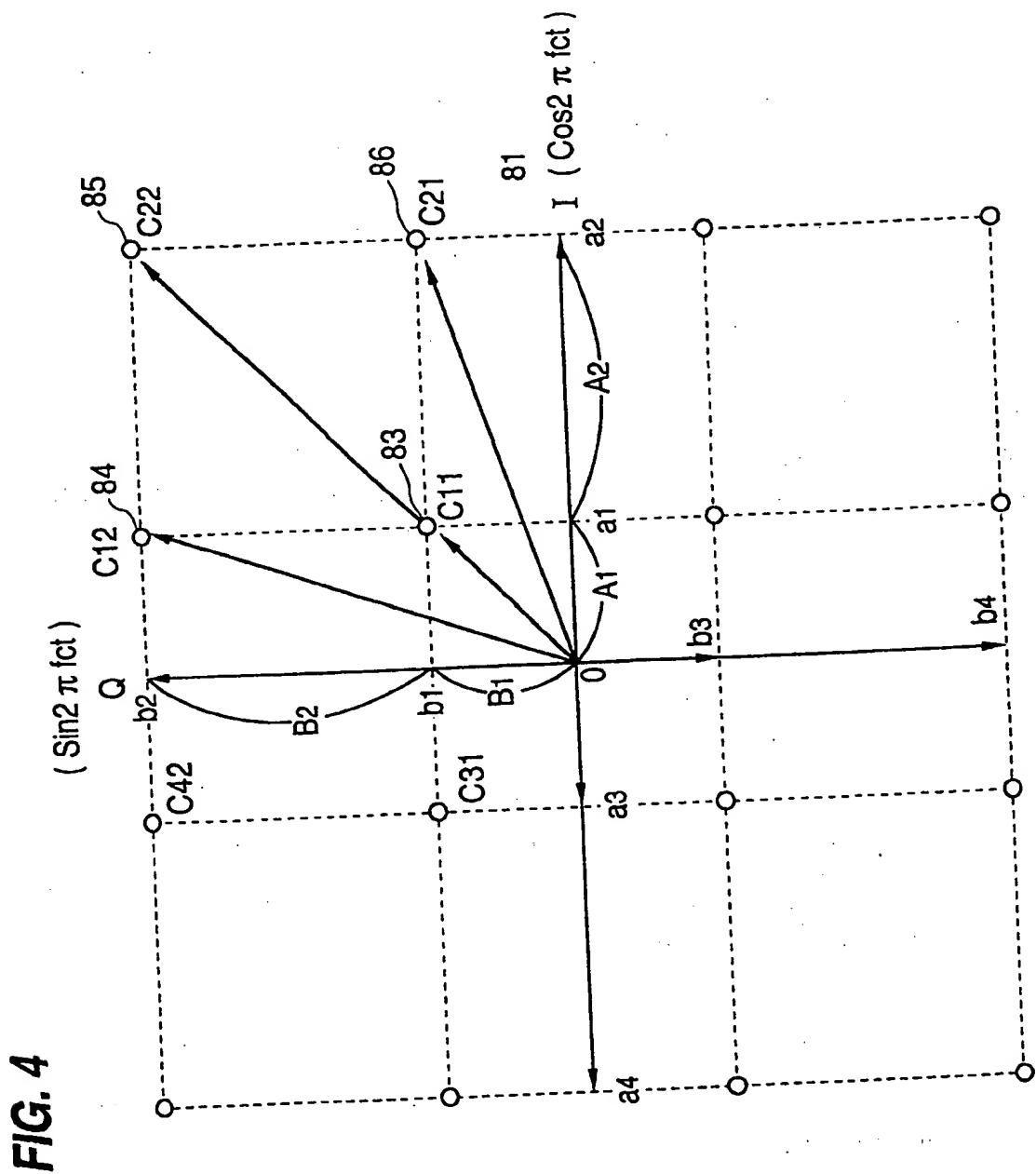


FIG. 5

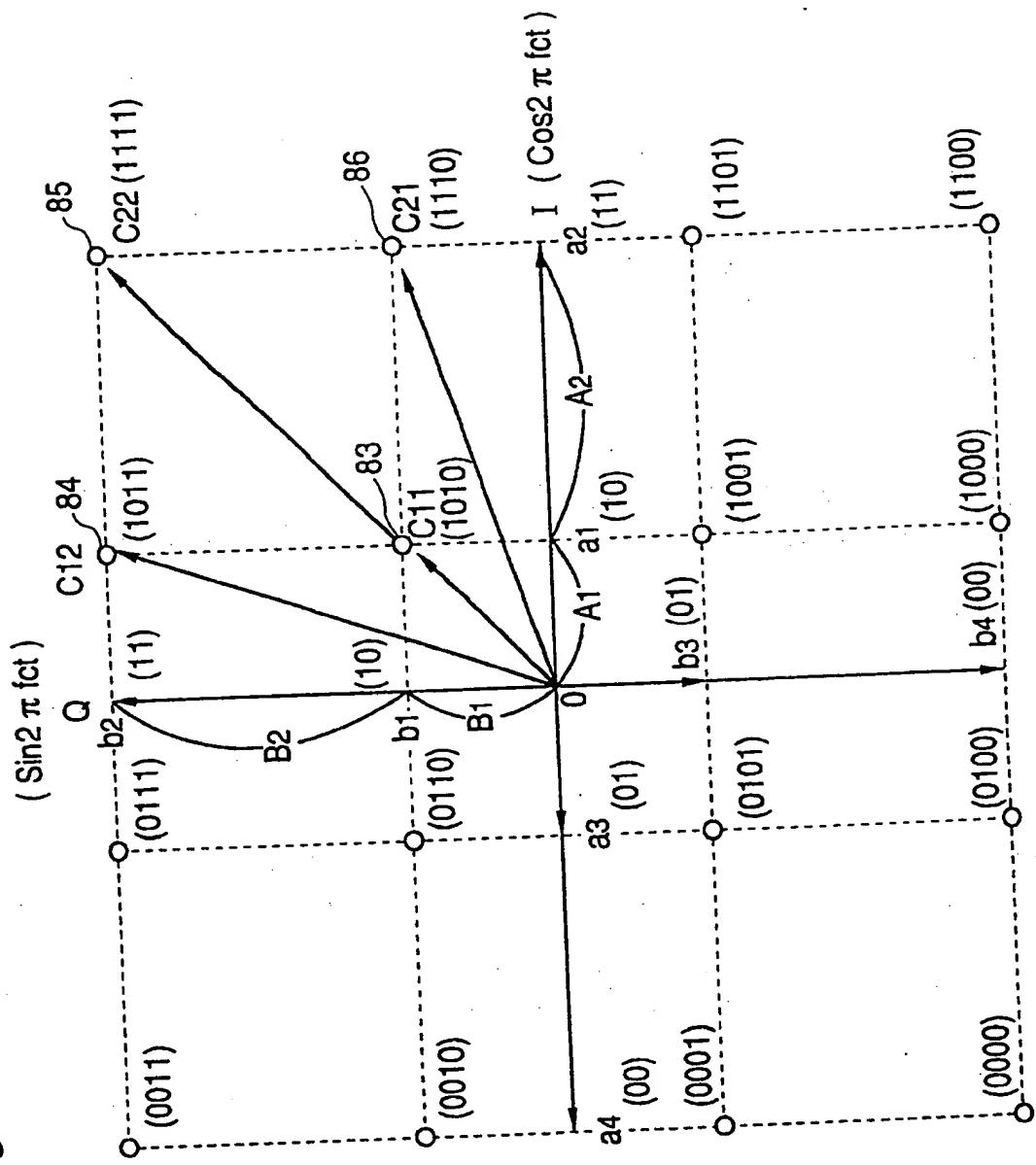


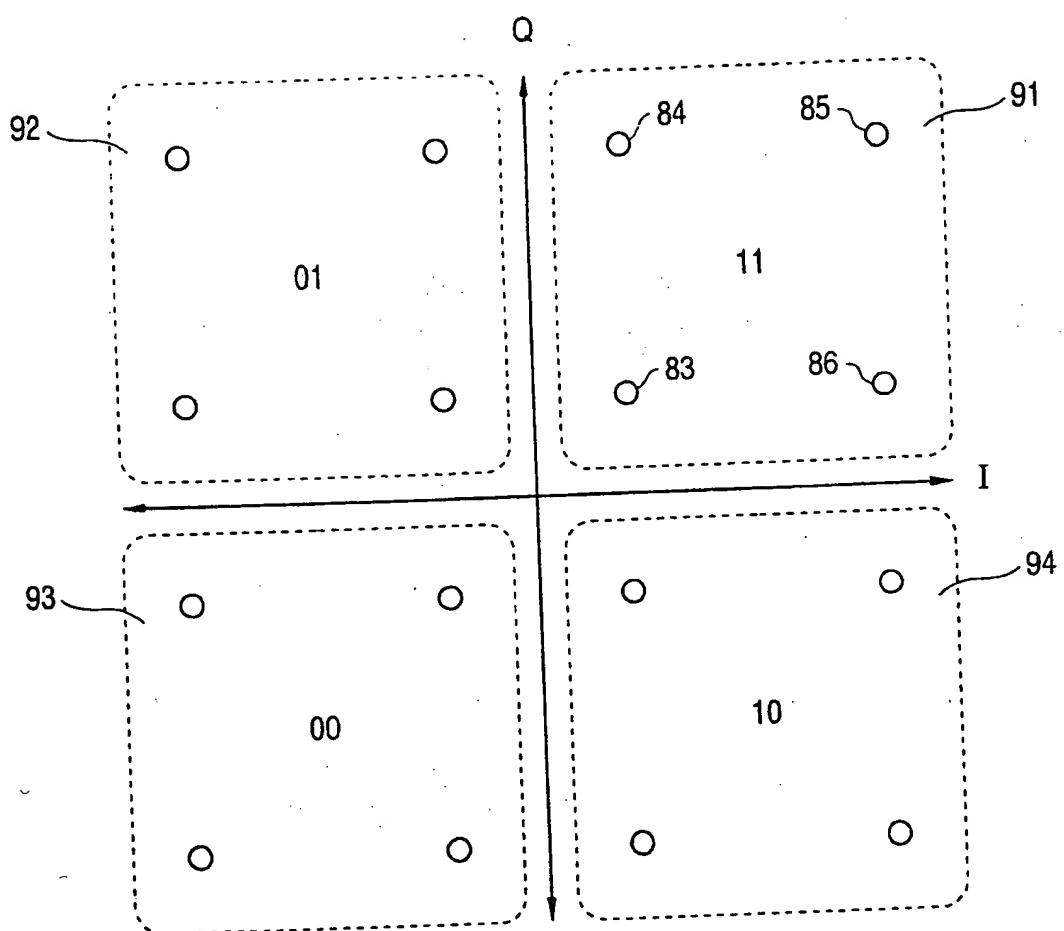
FIG. 6

FIG. 7

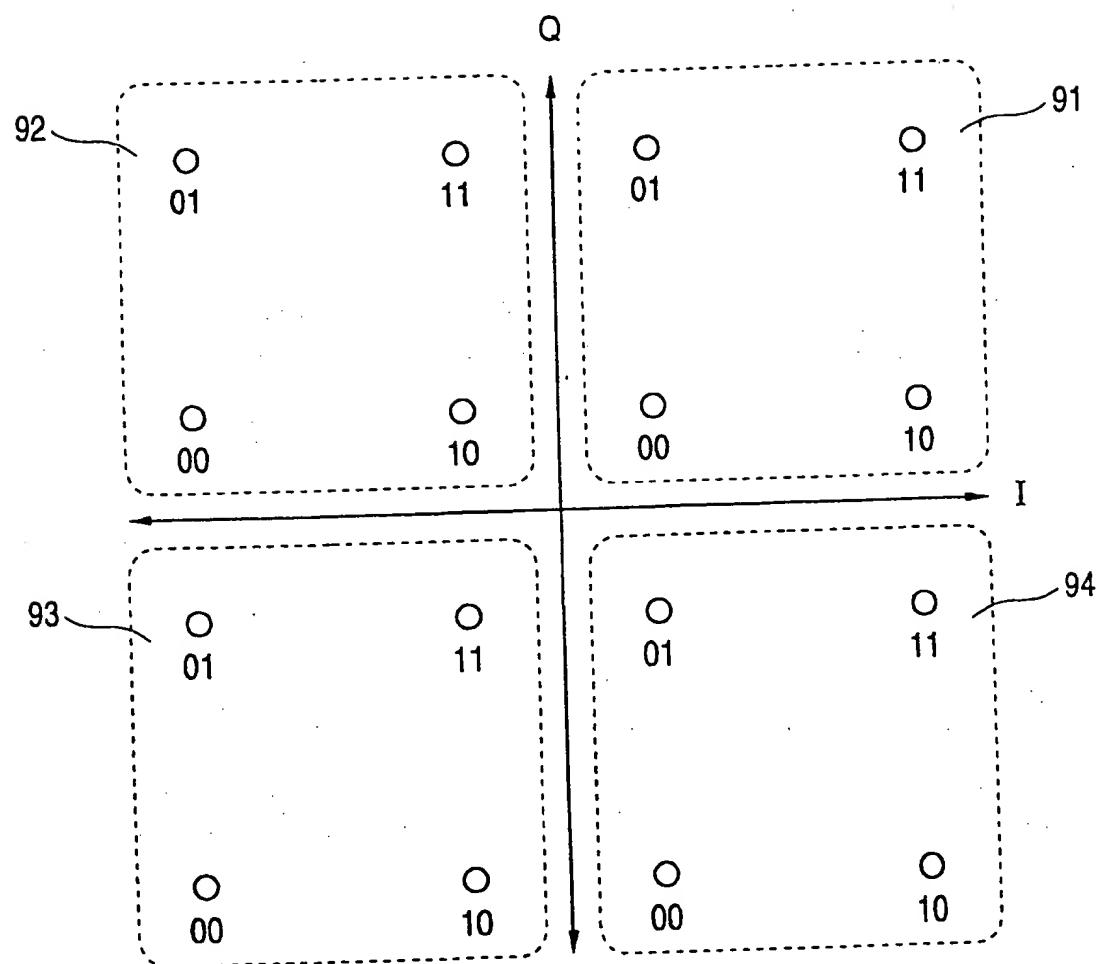
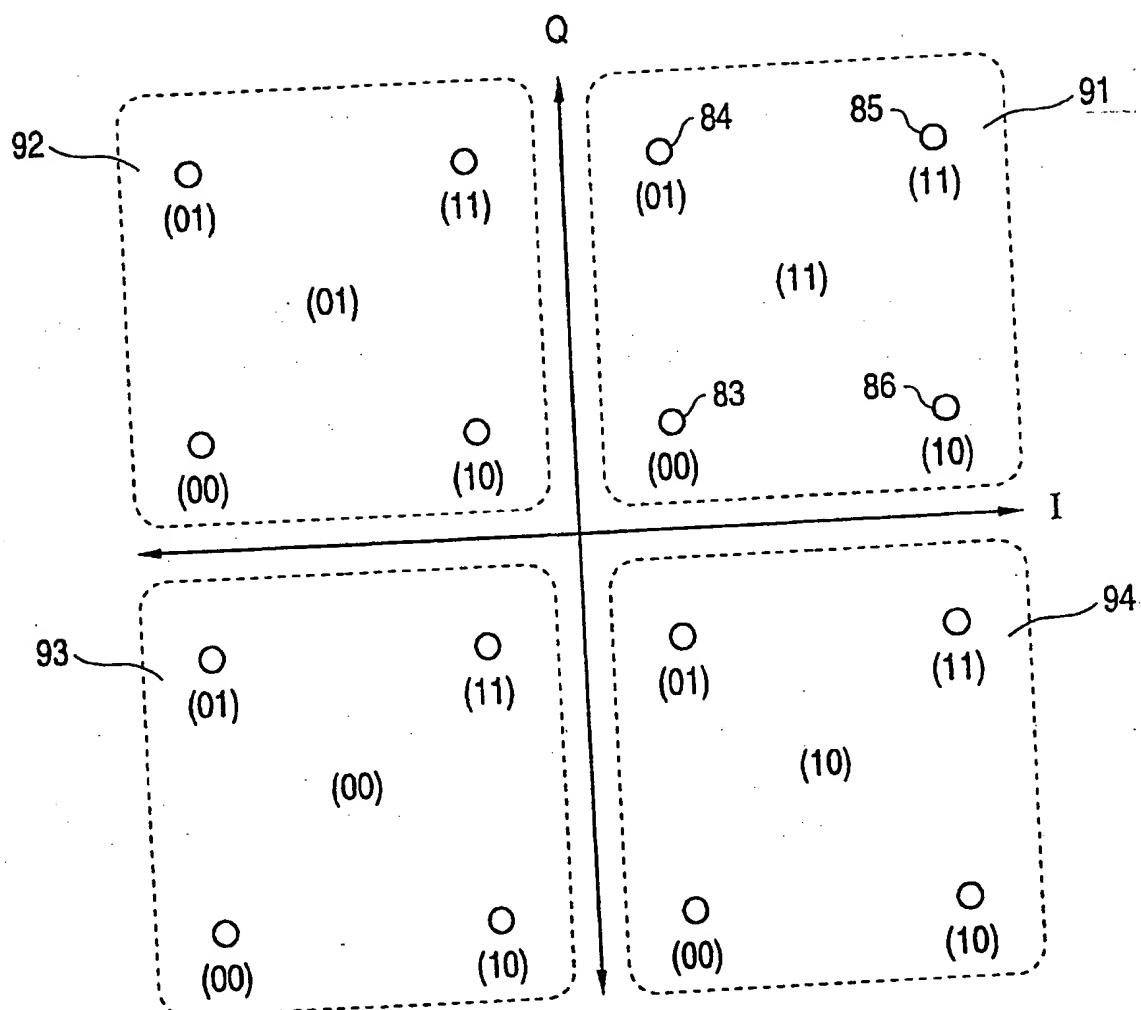


FIG. 8



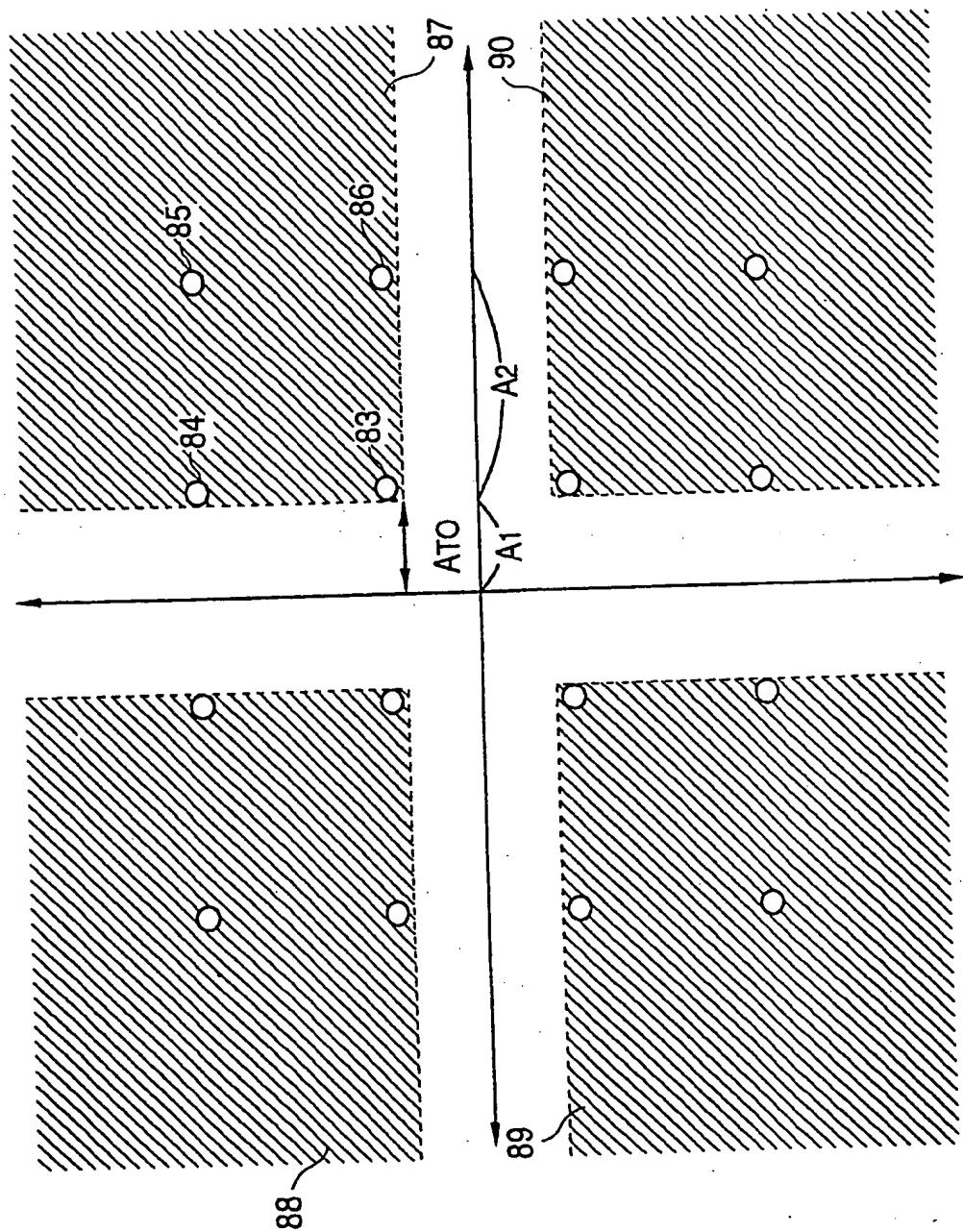


FIG. 9

FIG. 10

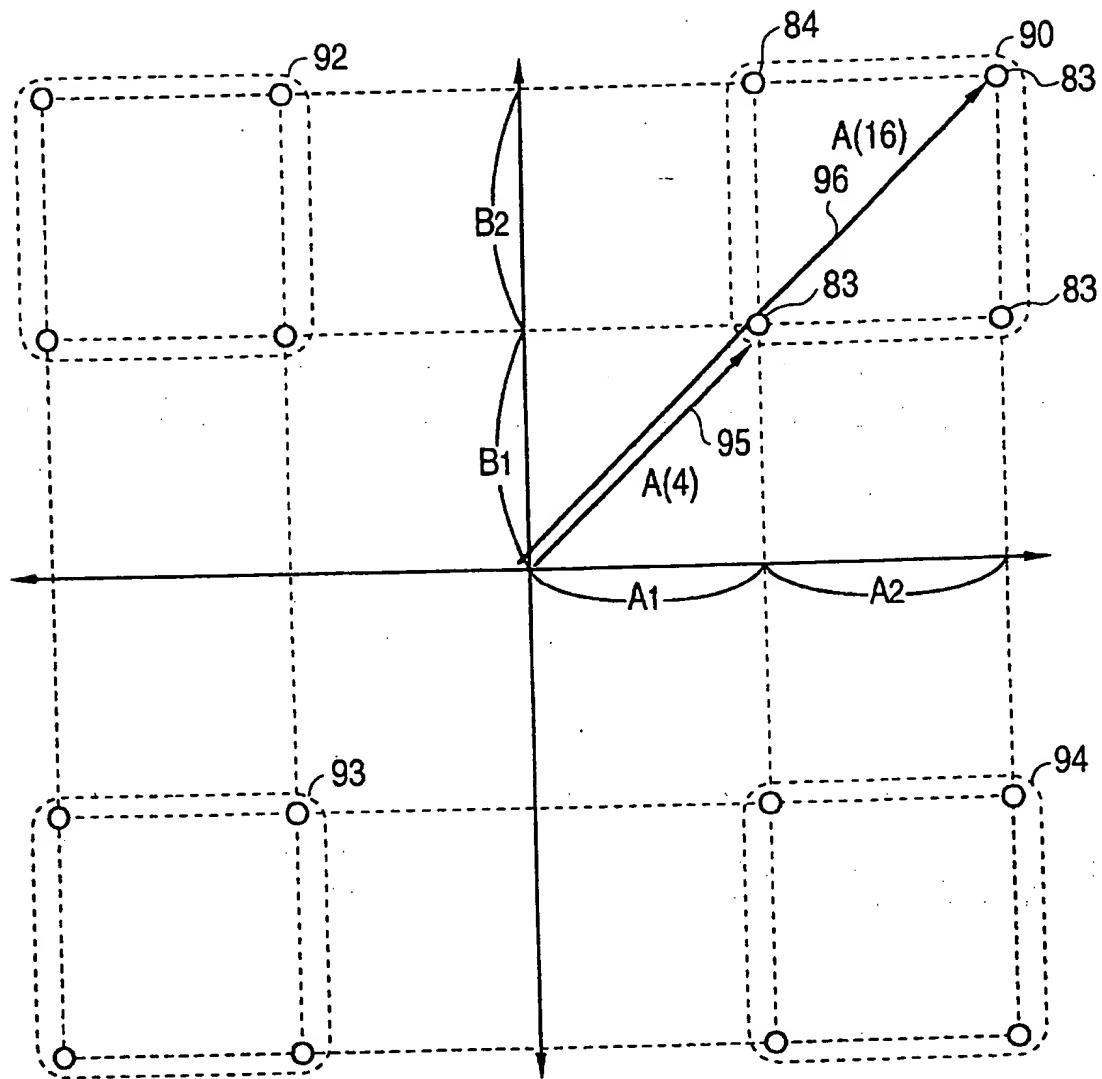


FIG. 11

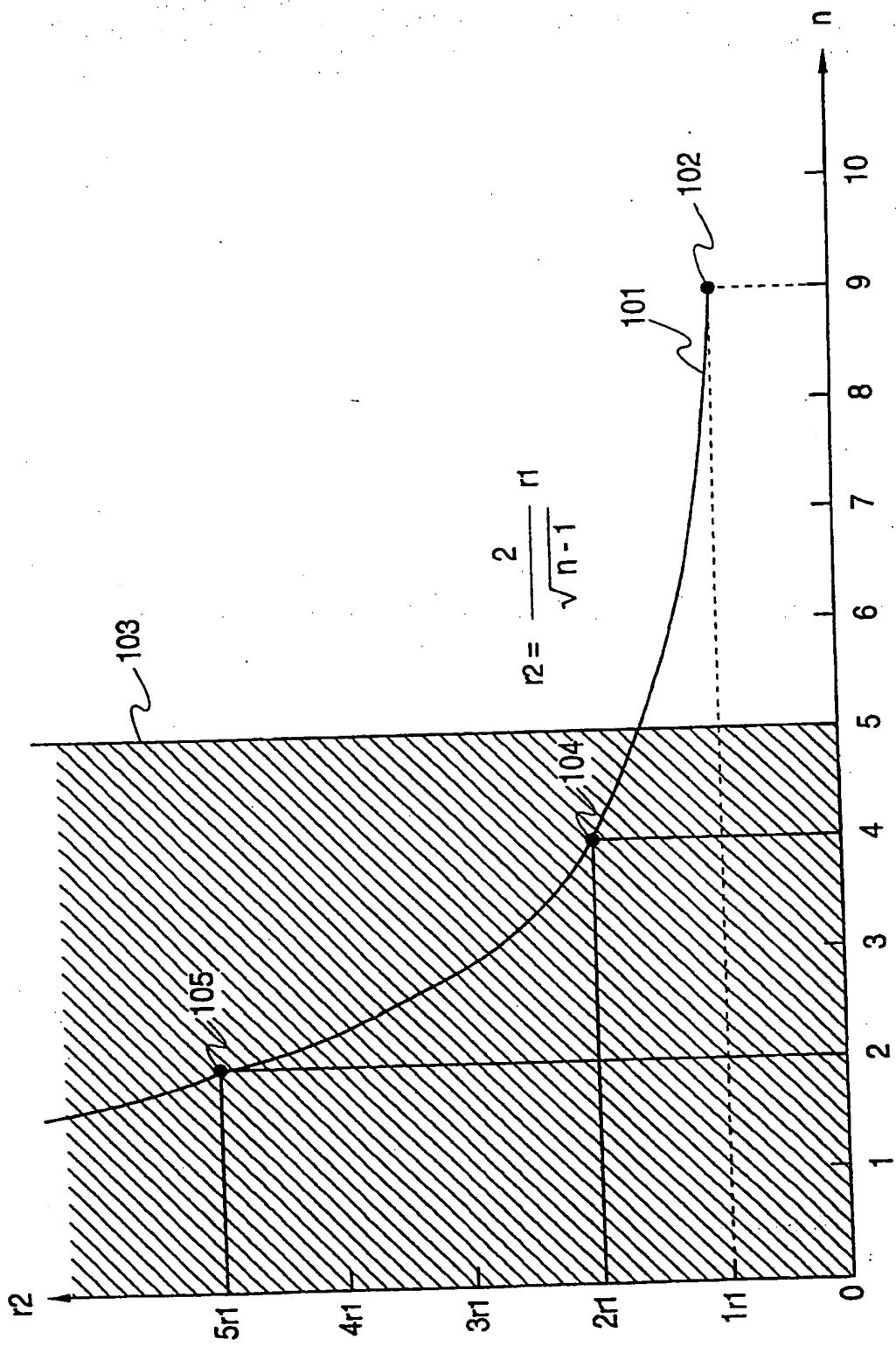


FIG. 12

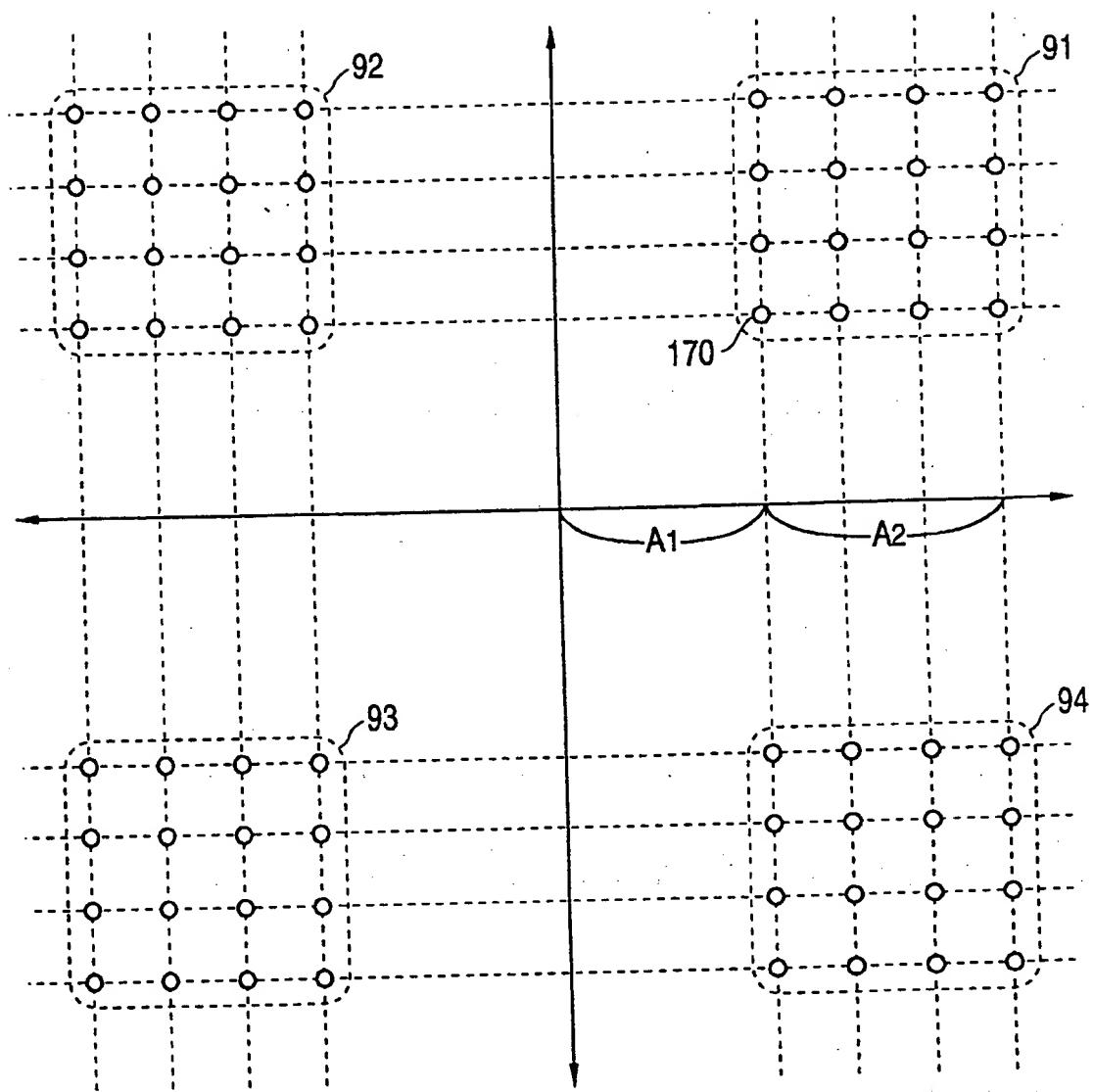


FIG. 13

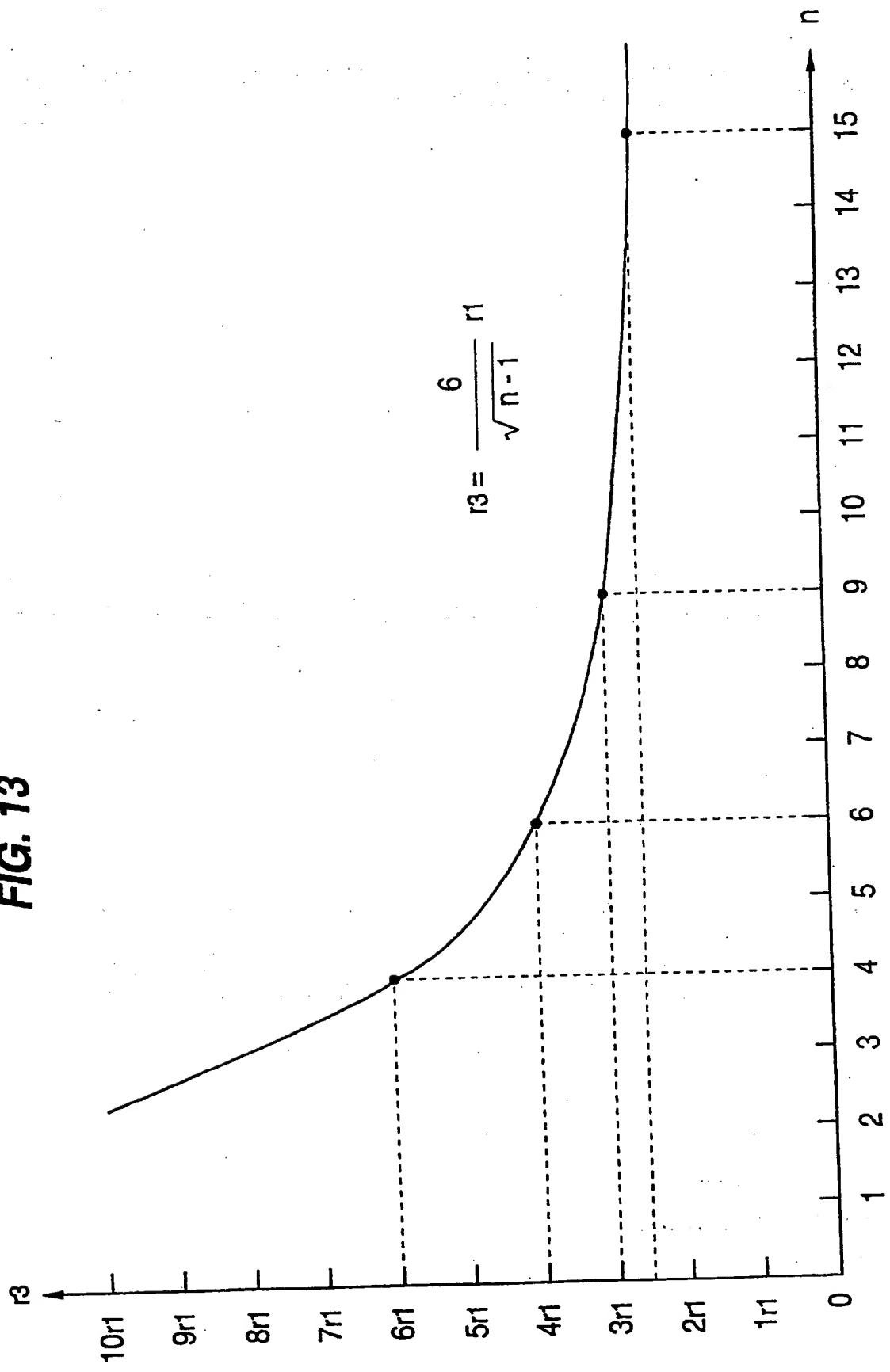


FIG. 14

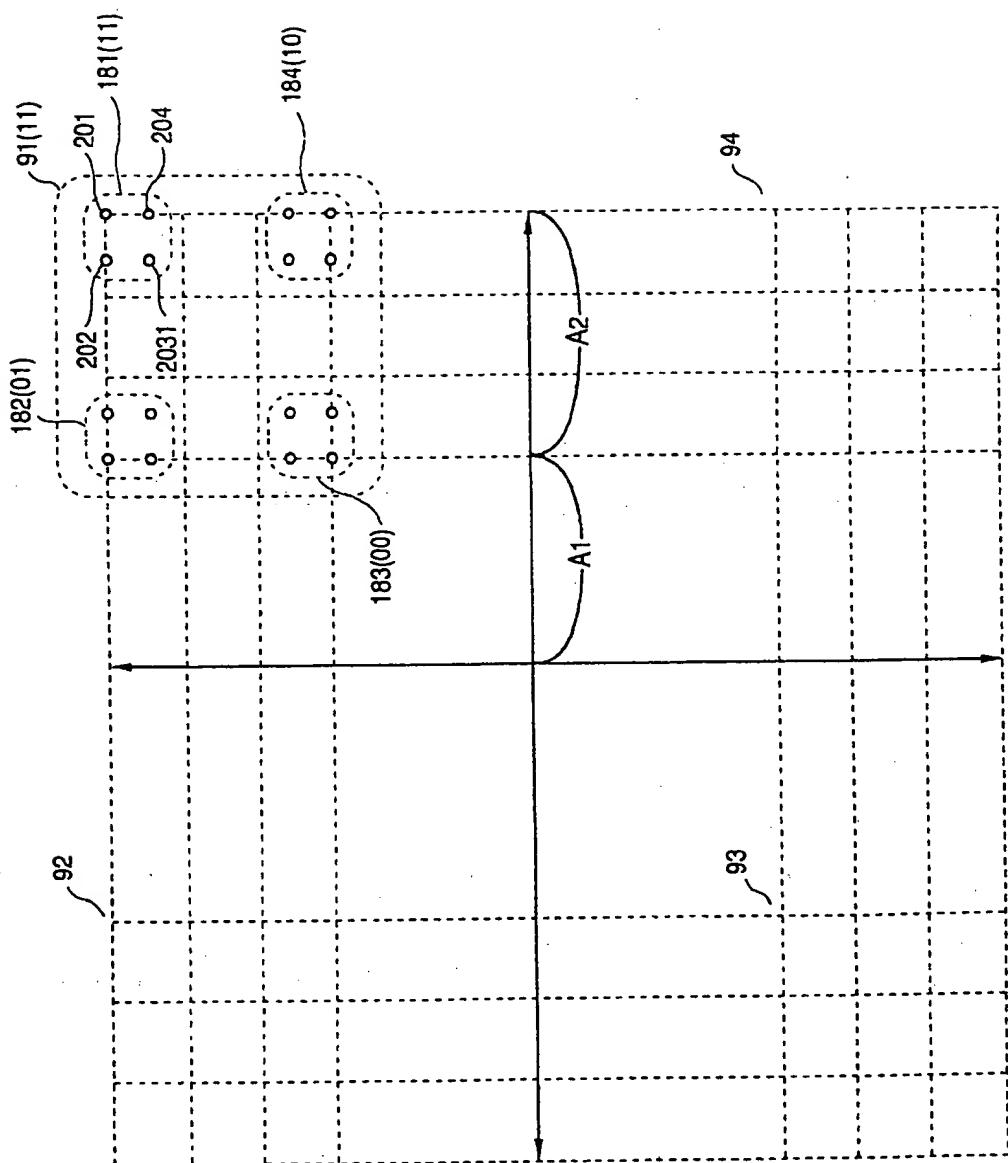


FIG. 15

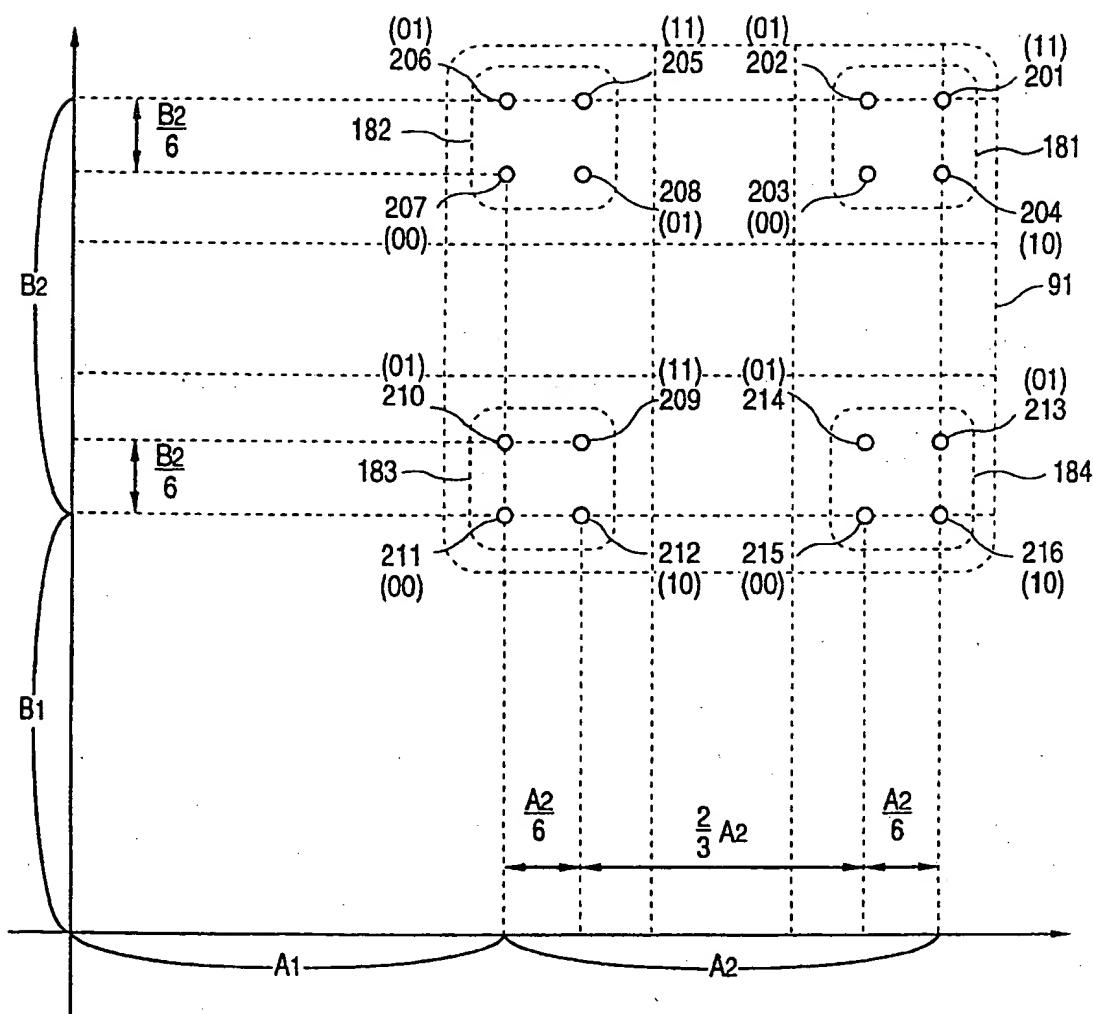
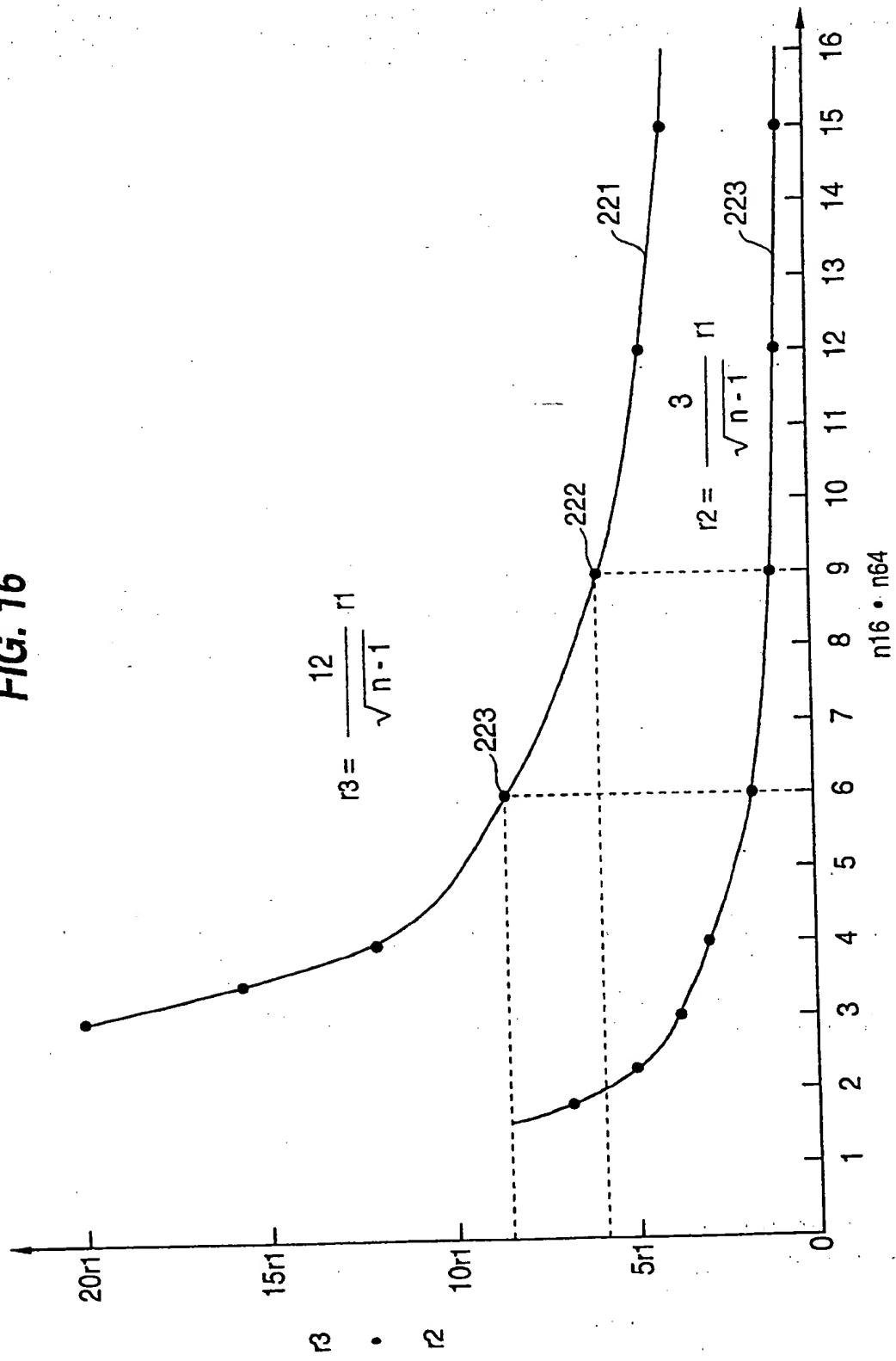


FIG. 16



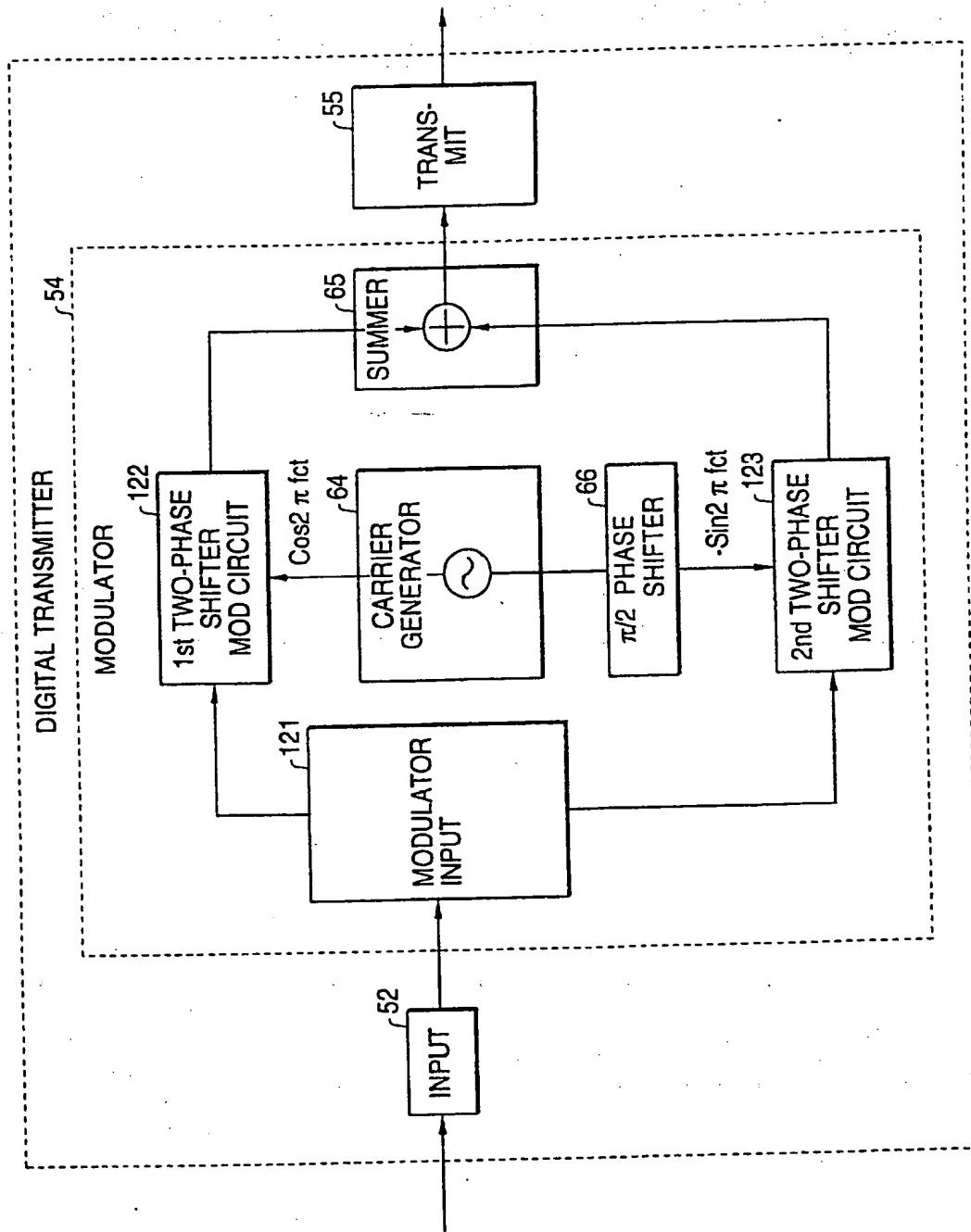
**FIG. 17**

FIG. 18

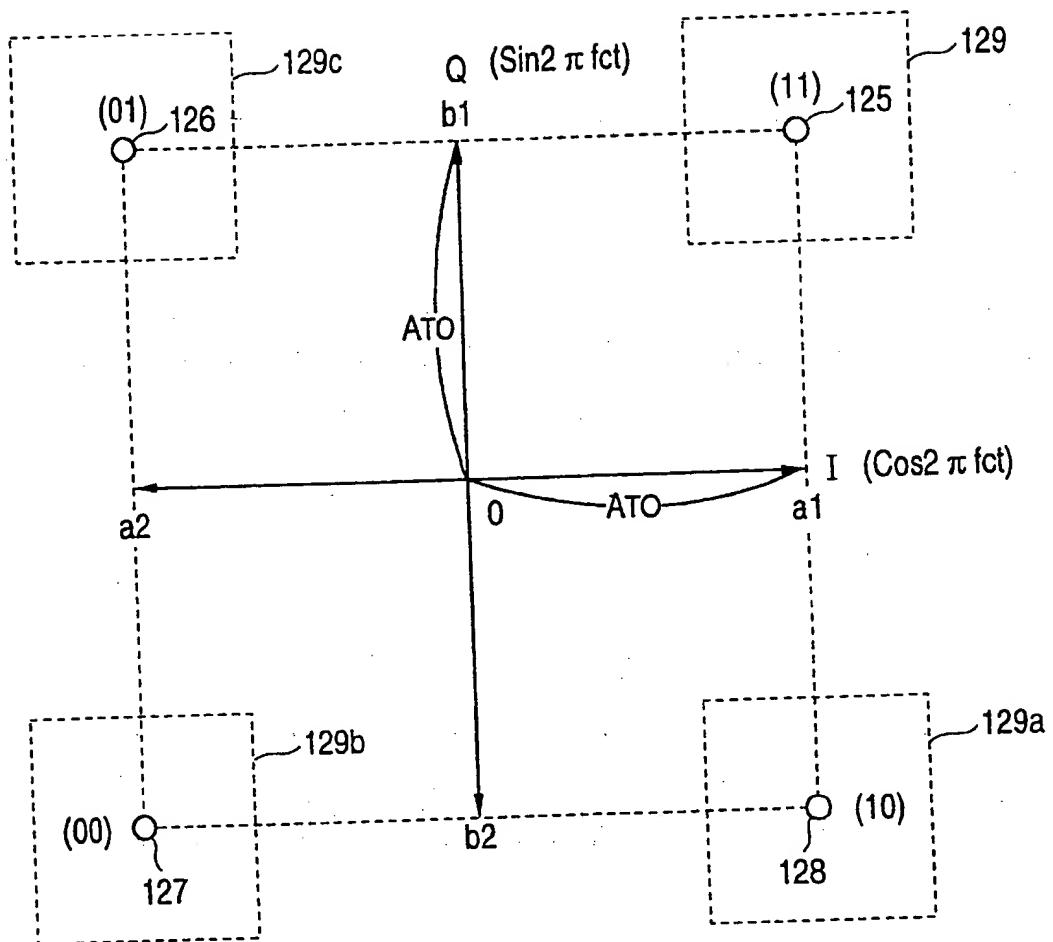


FIG. 19

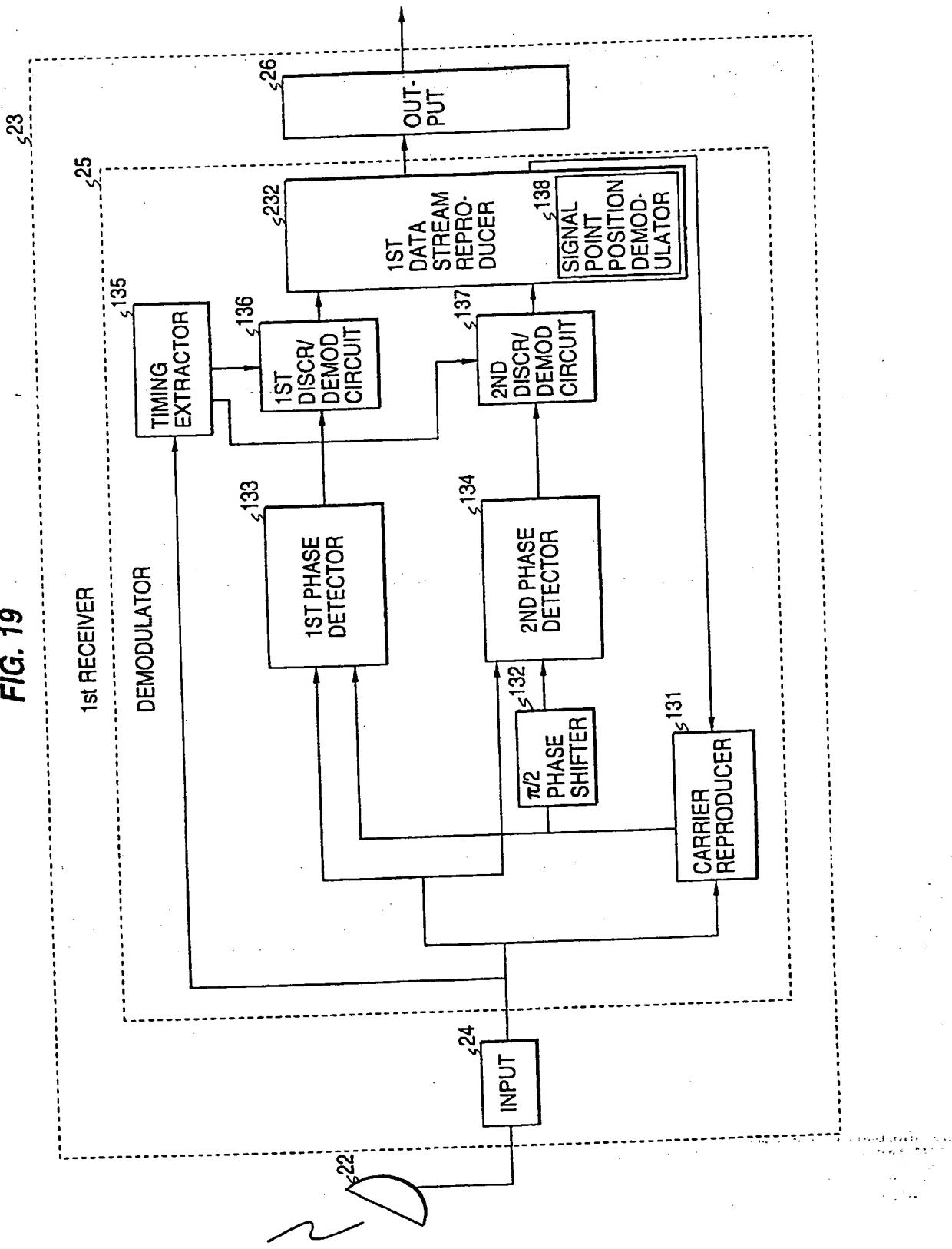


FIG. 20

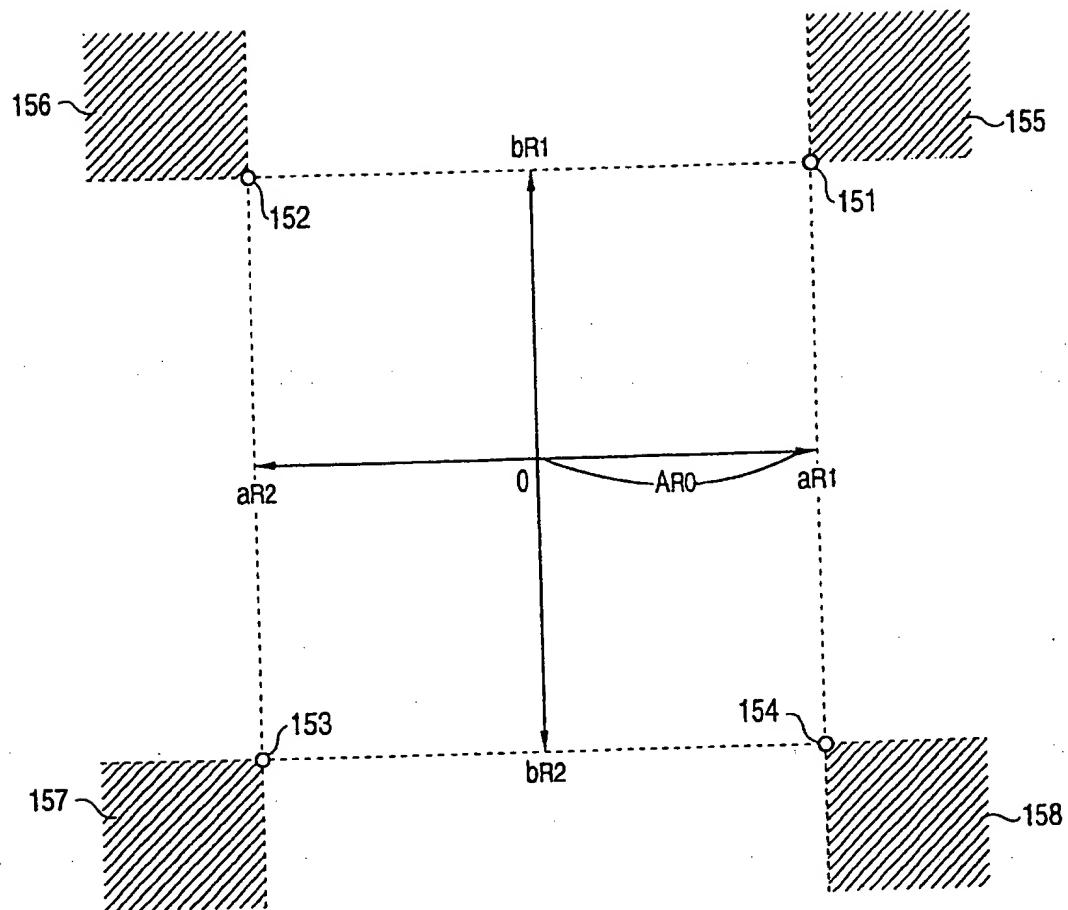


FIG. 21

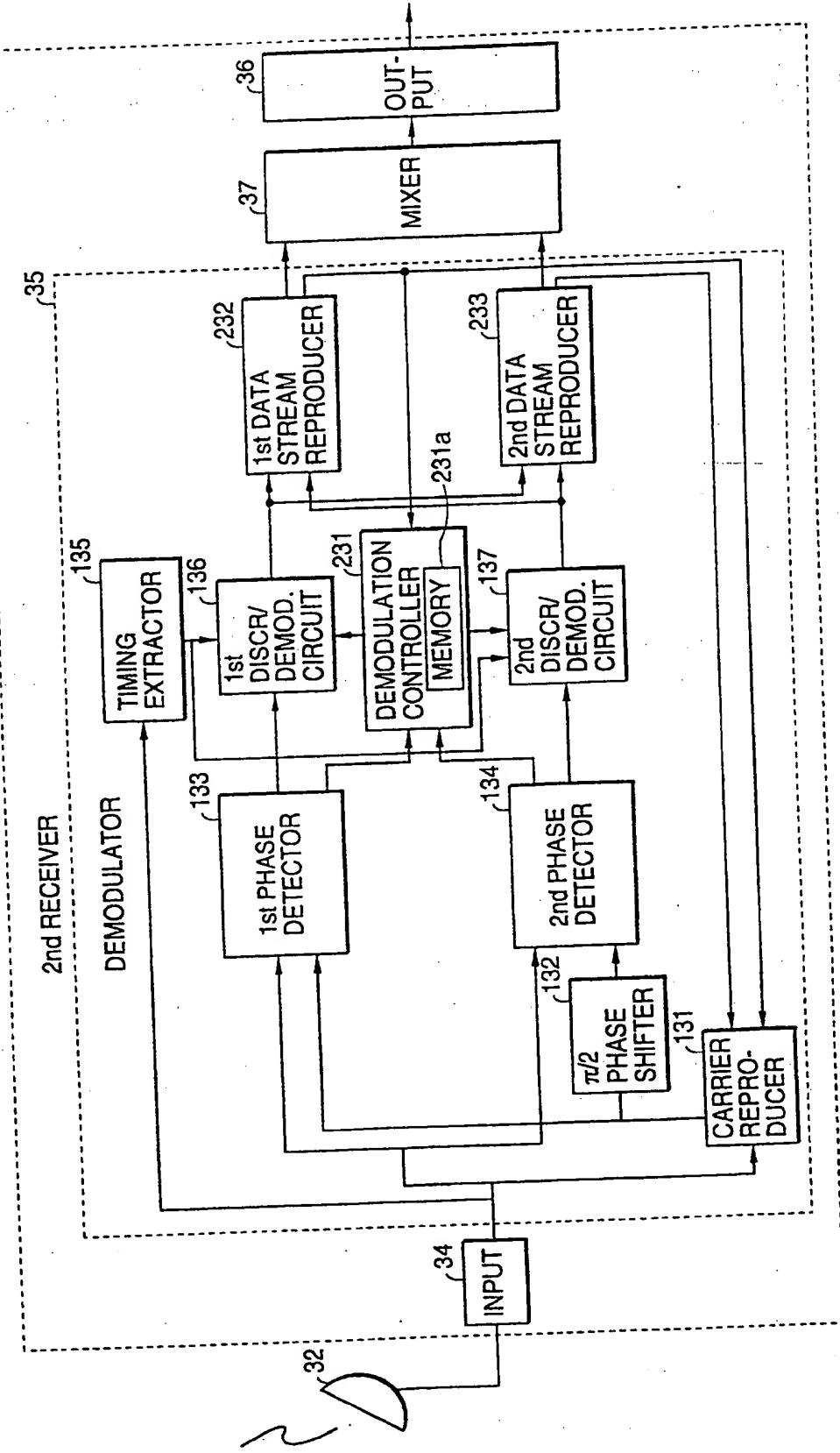


FIG. 22

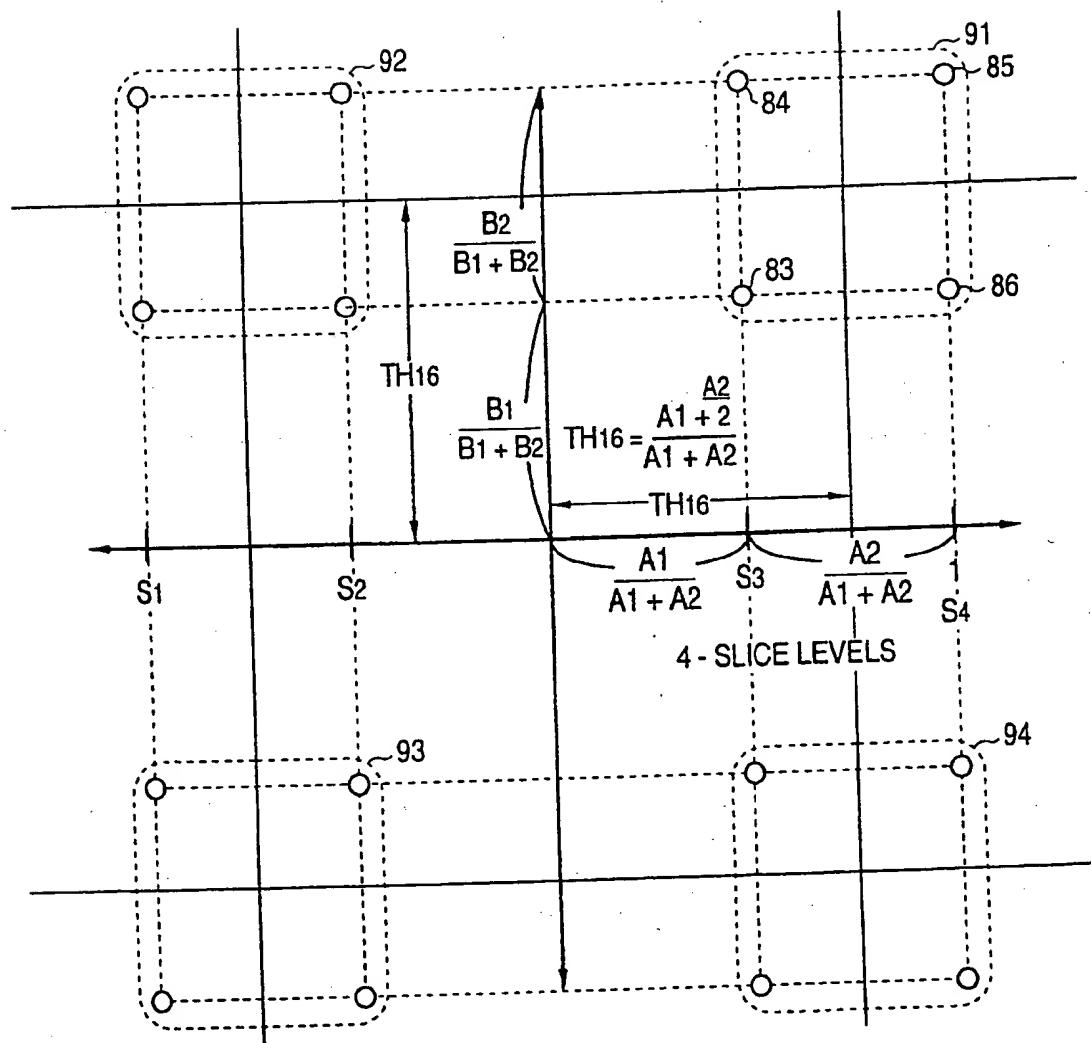


FIG. 23

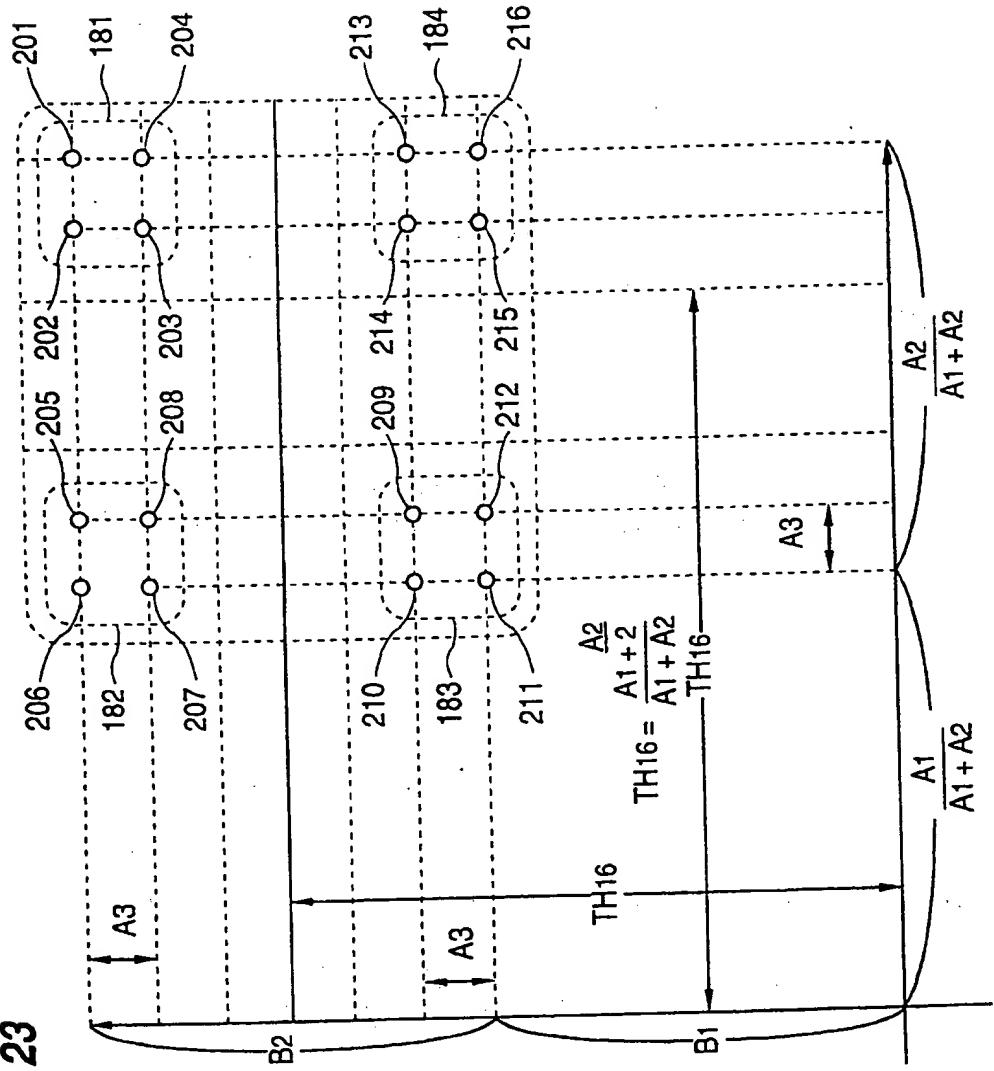


FIG. 24

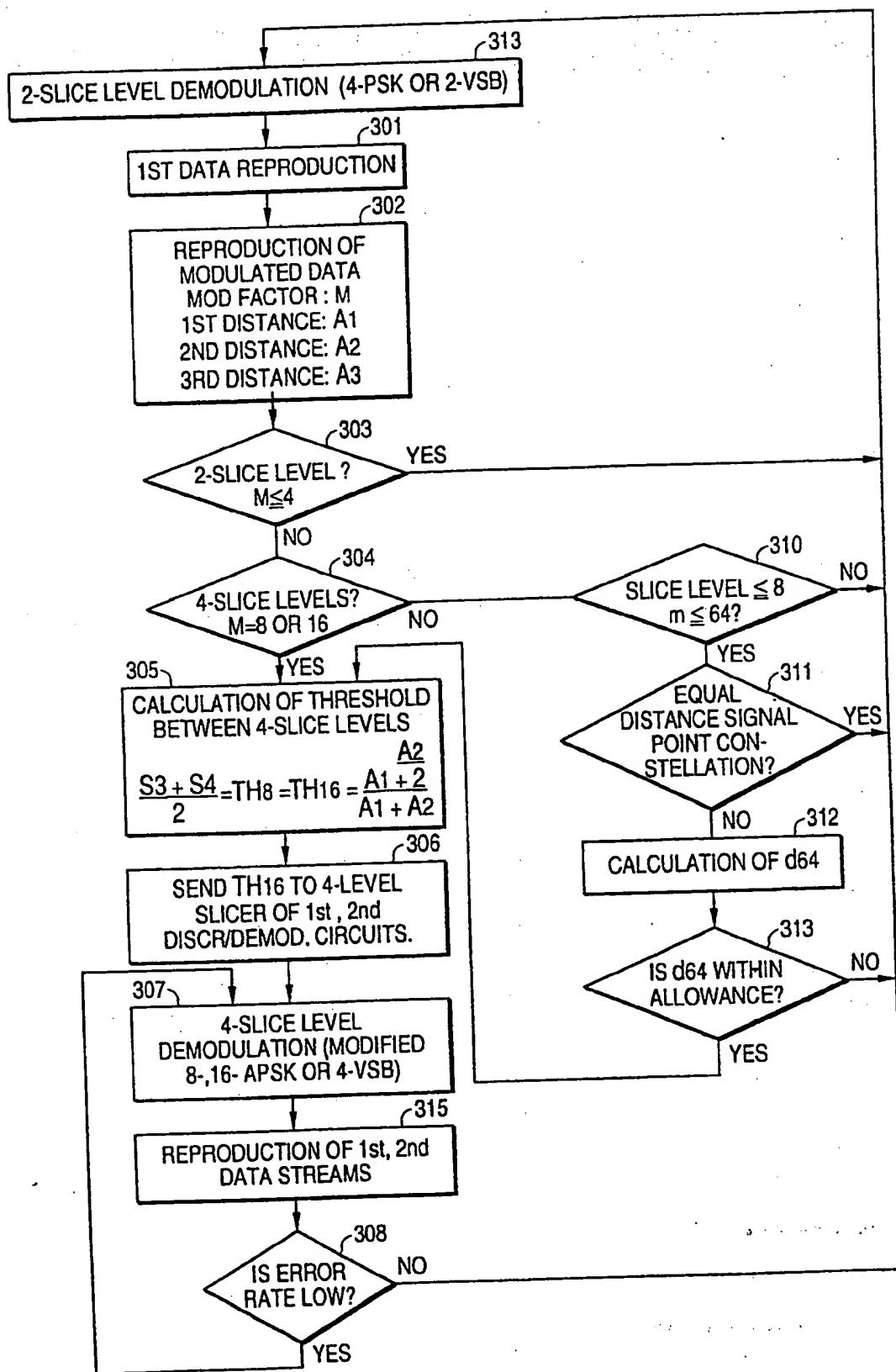


FIG. 25(a)

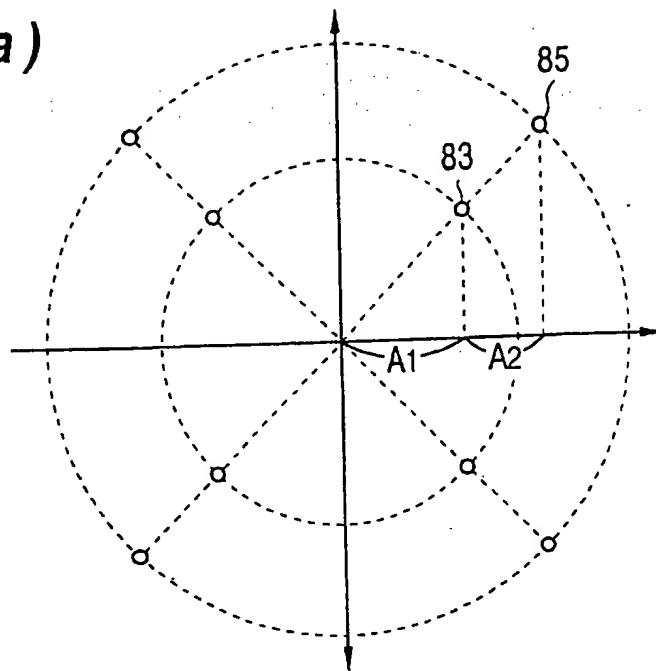


FIG. 25(b)

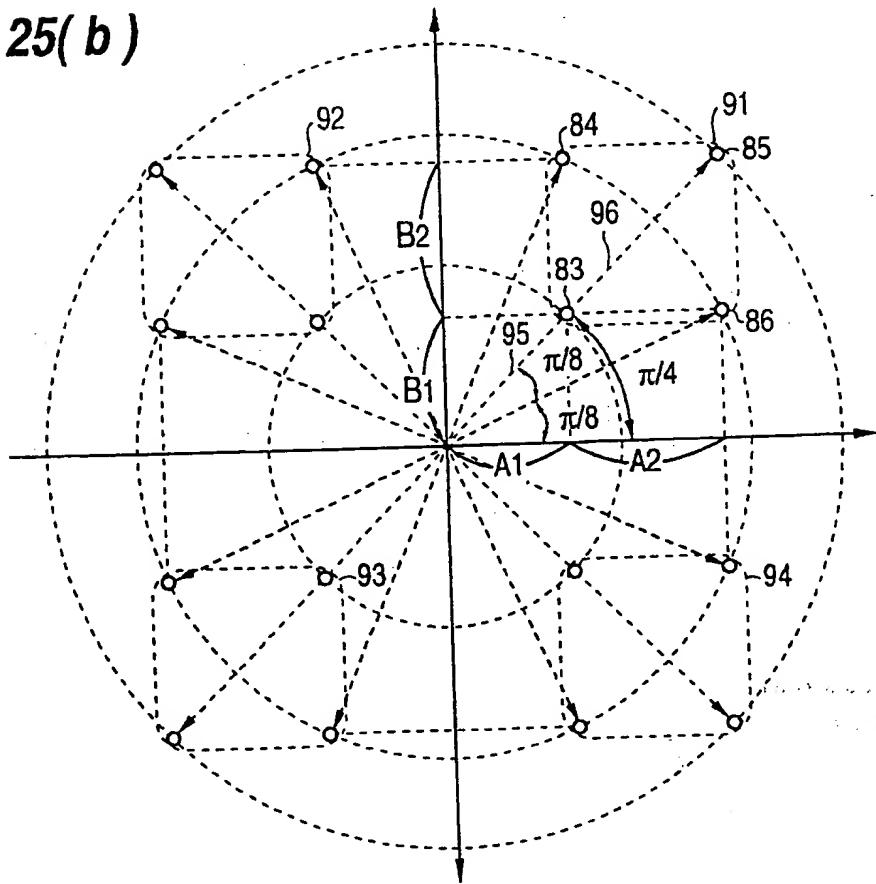
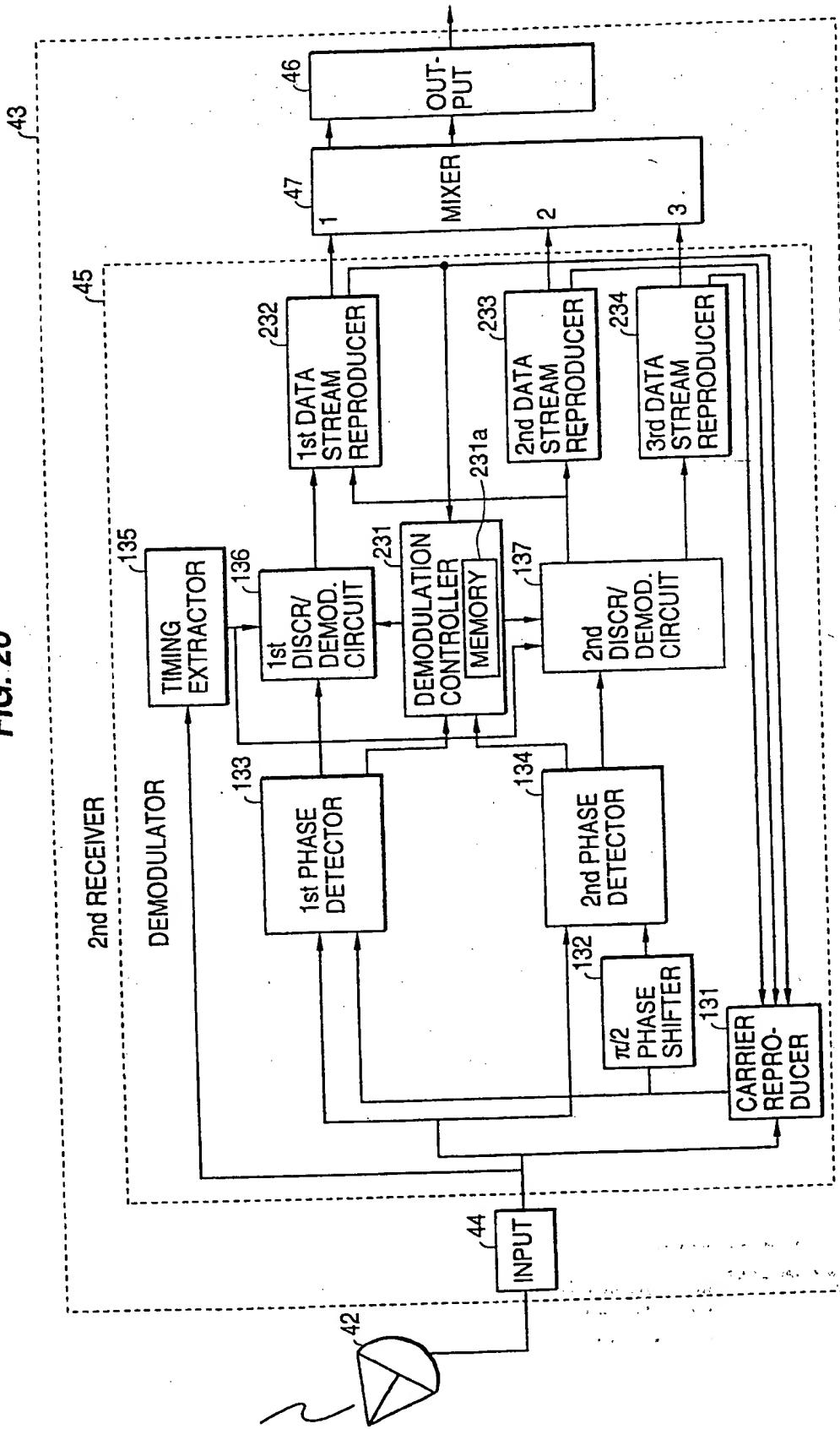


FIG. 26



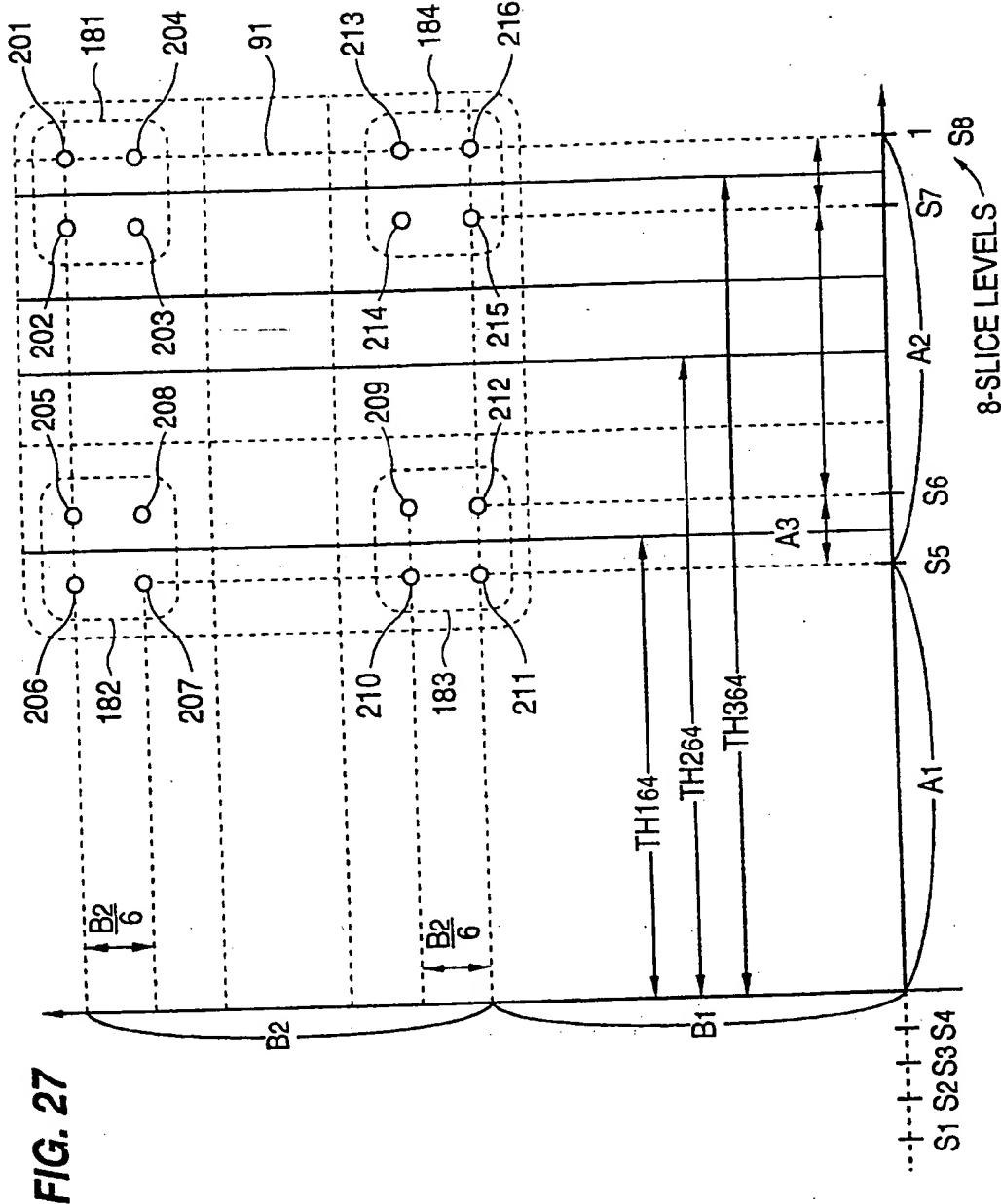
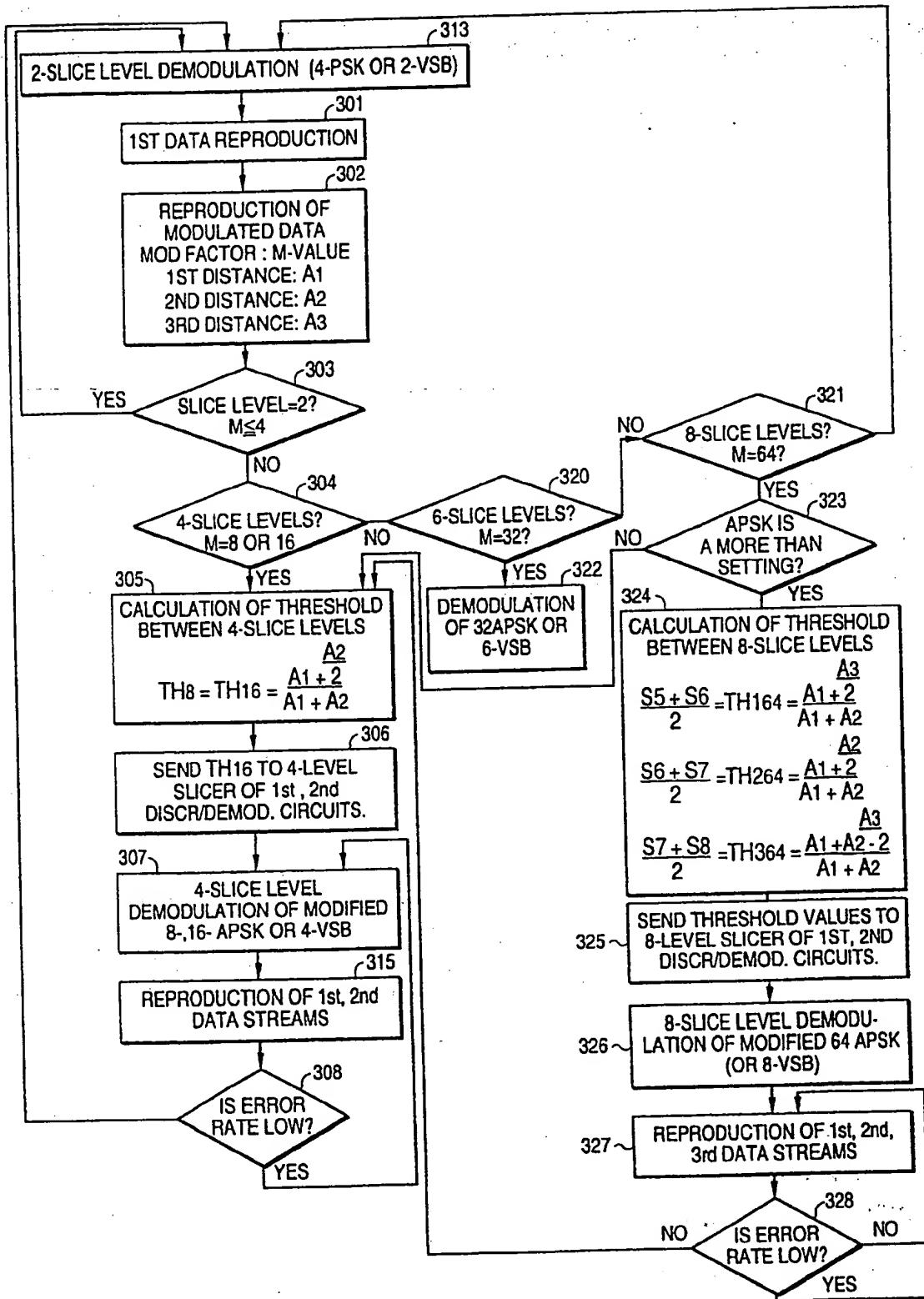


FIG. 28



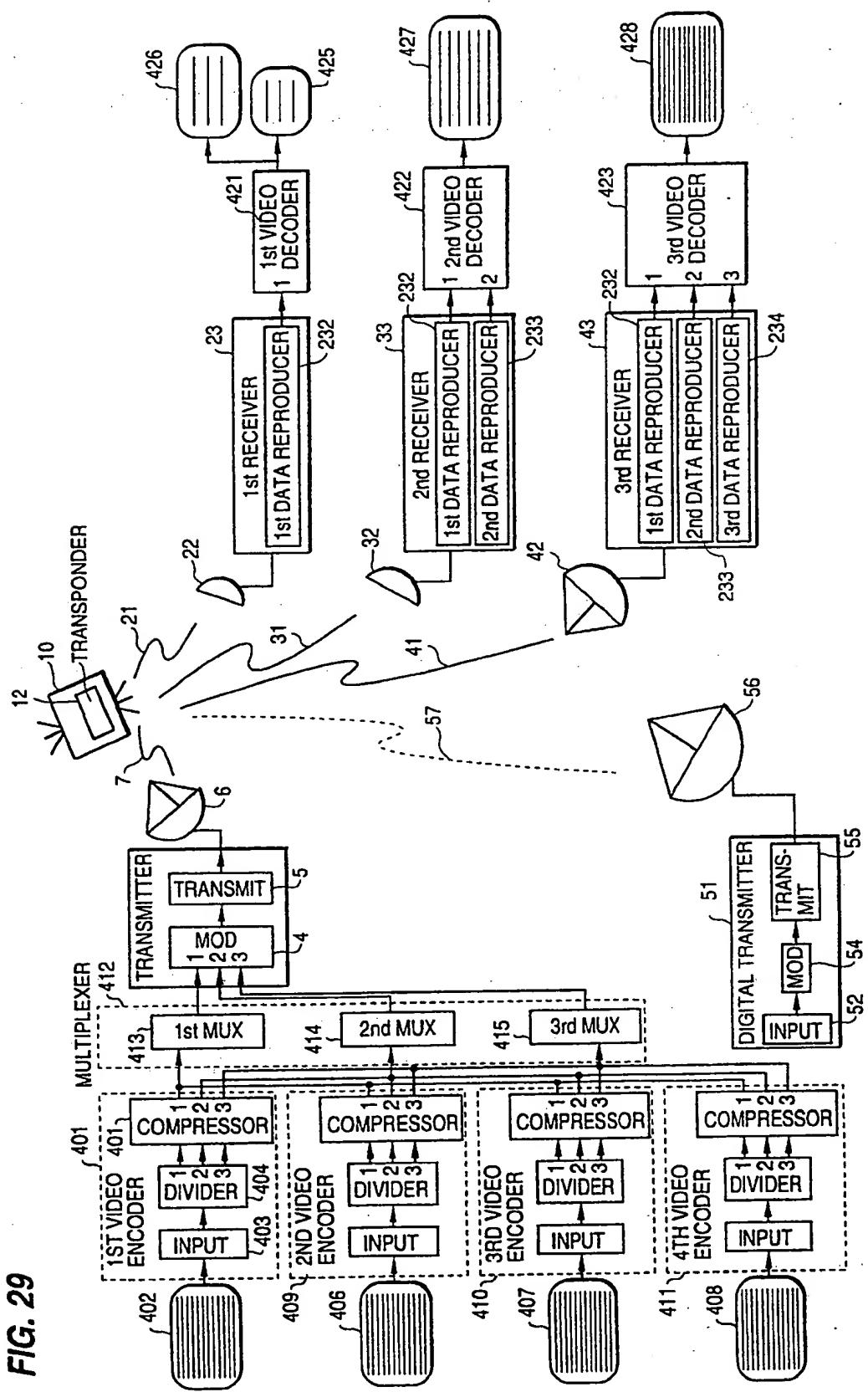
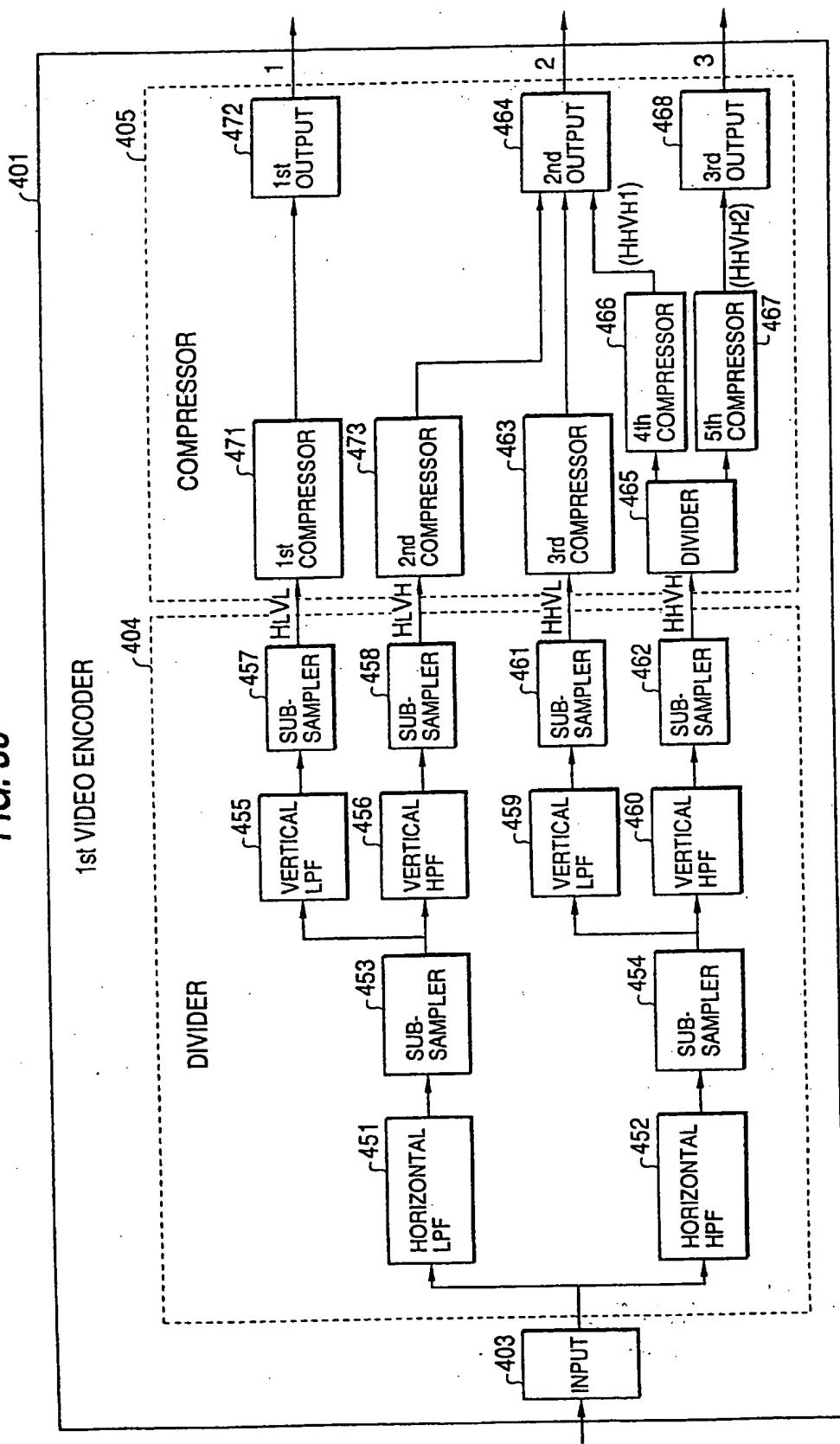


FIG. 30



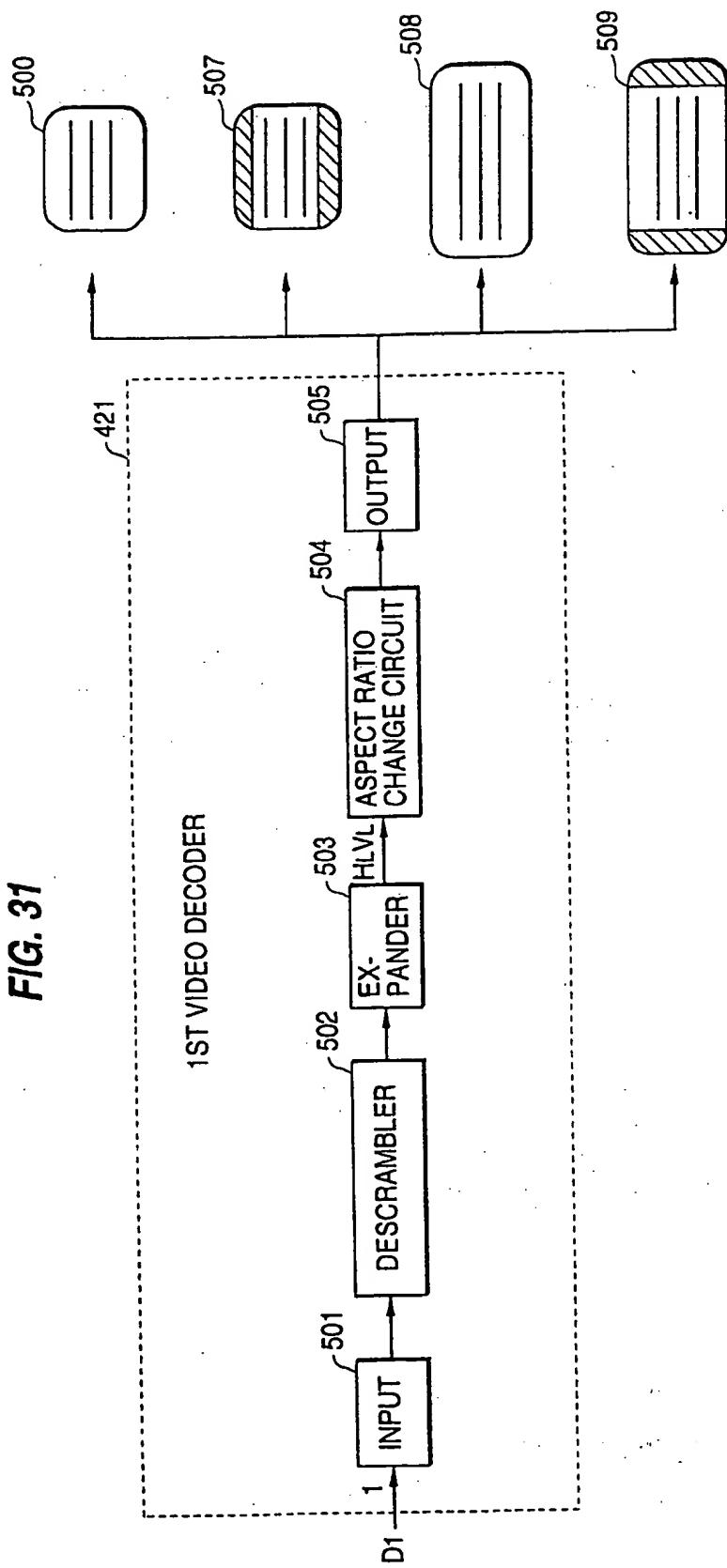


FIG. 32

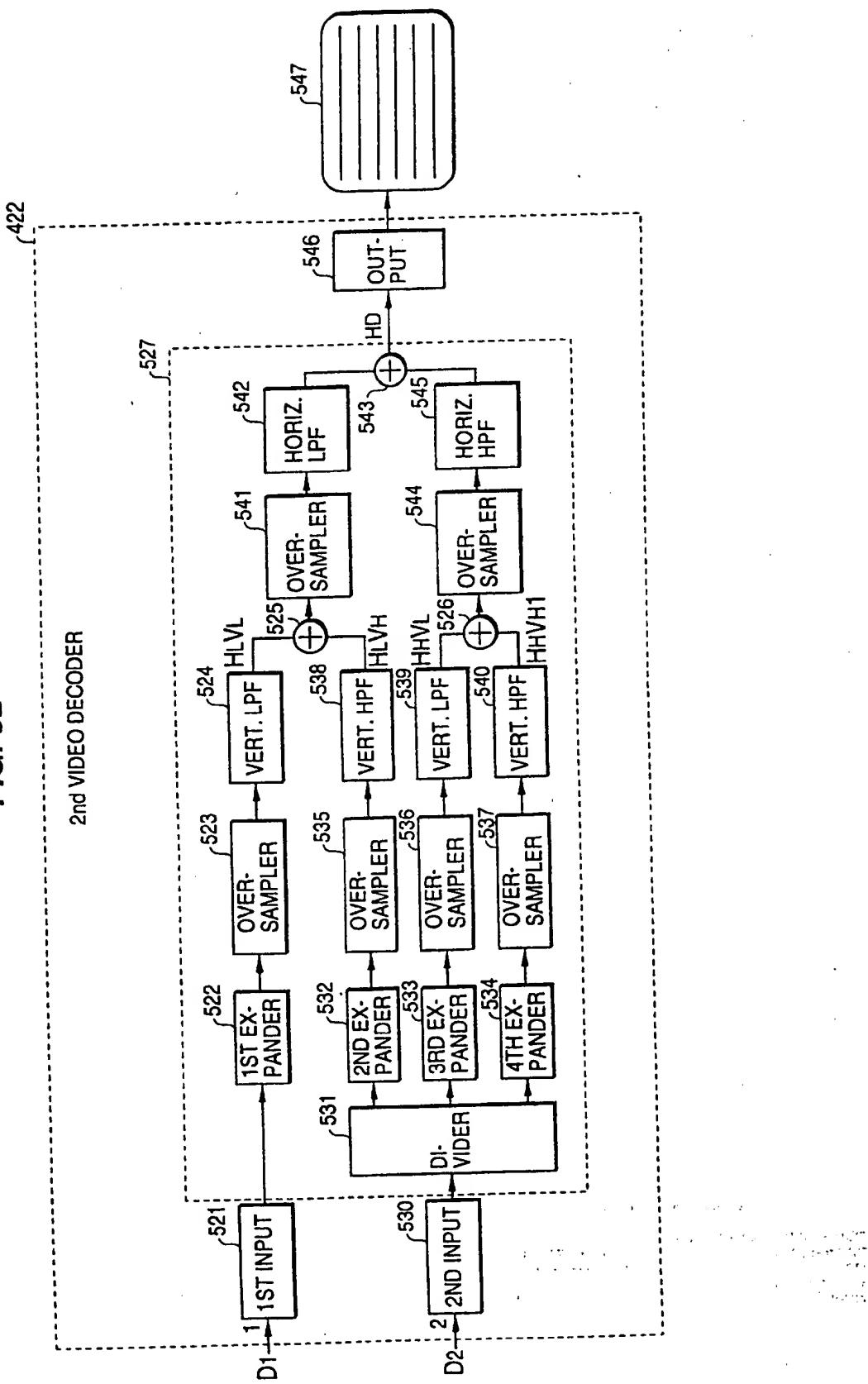


FIG. 33

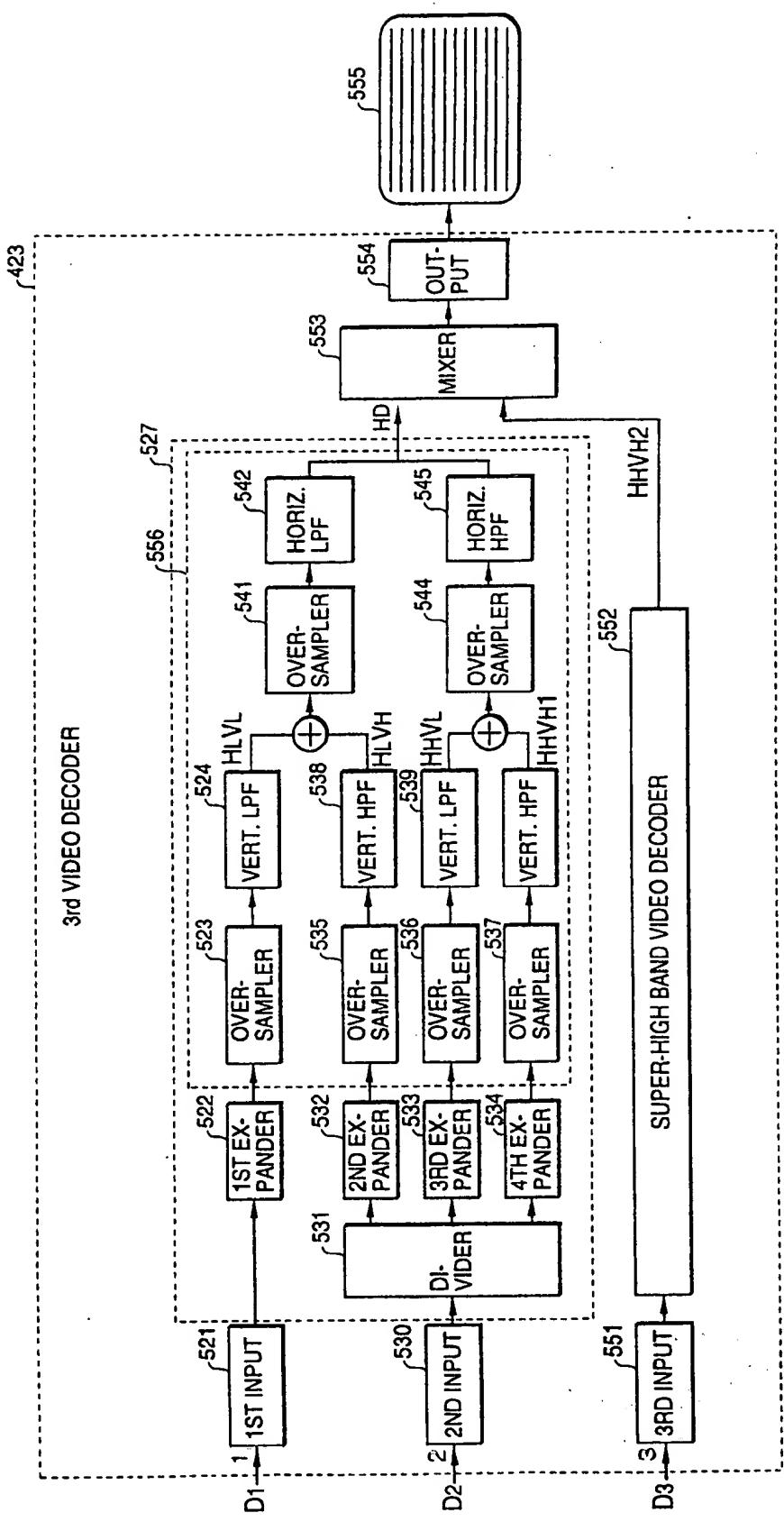


FIG. 34

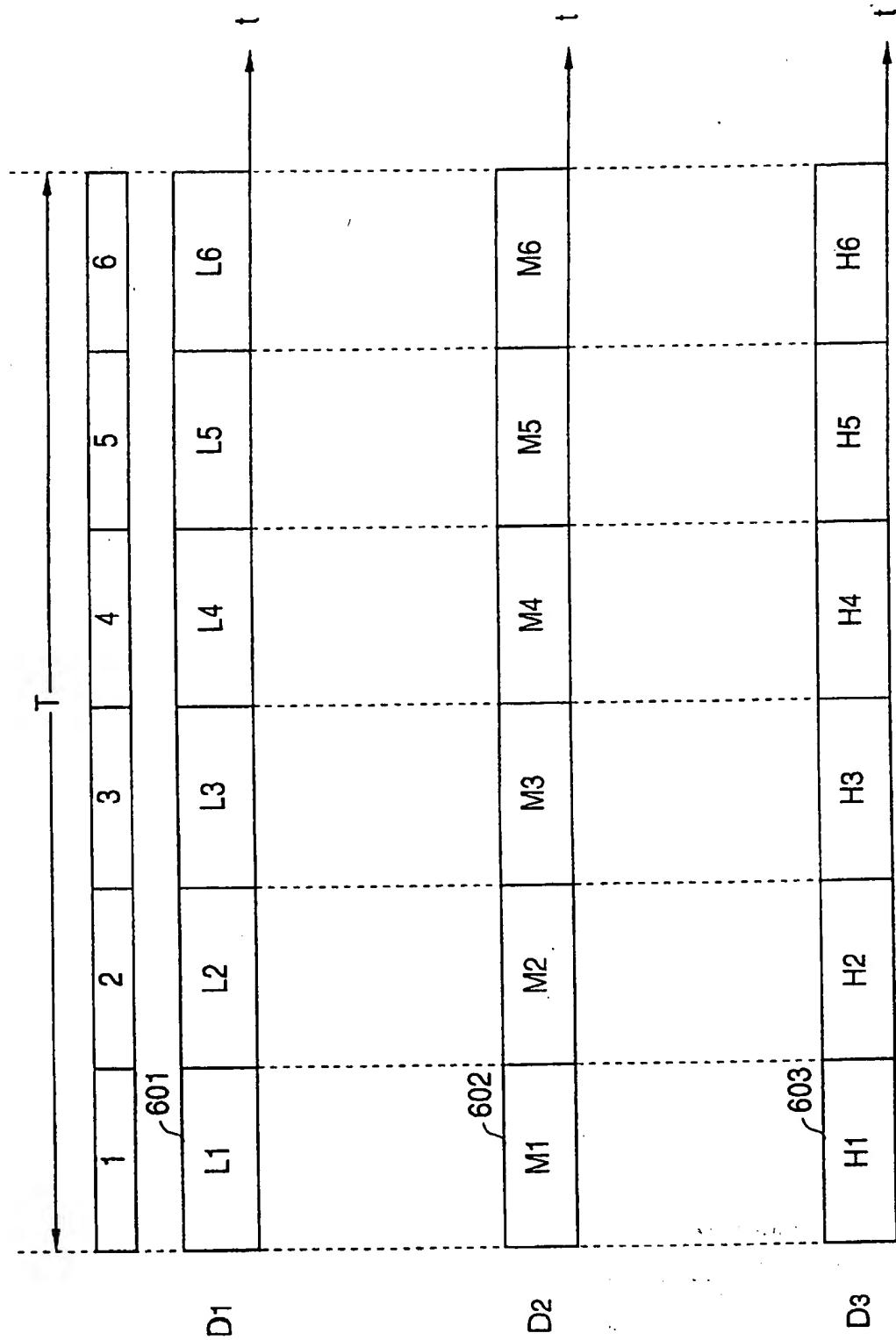


FIG. 35

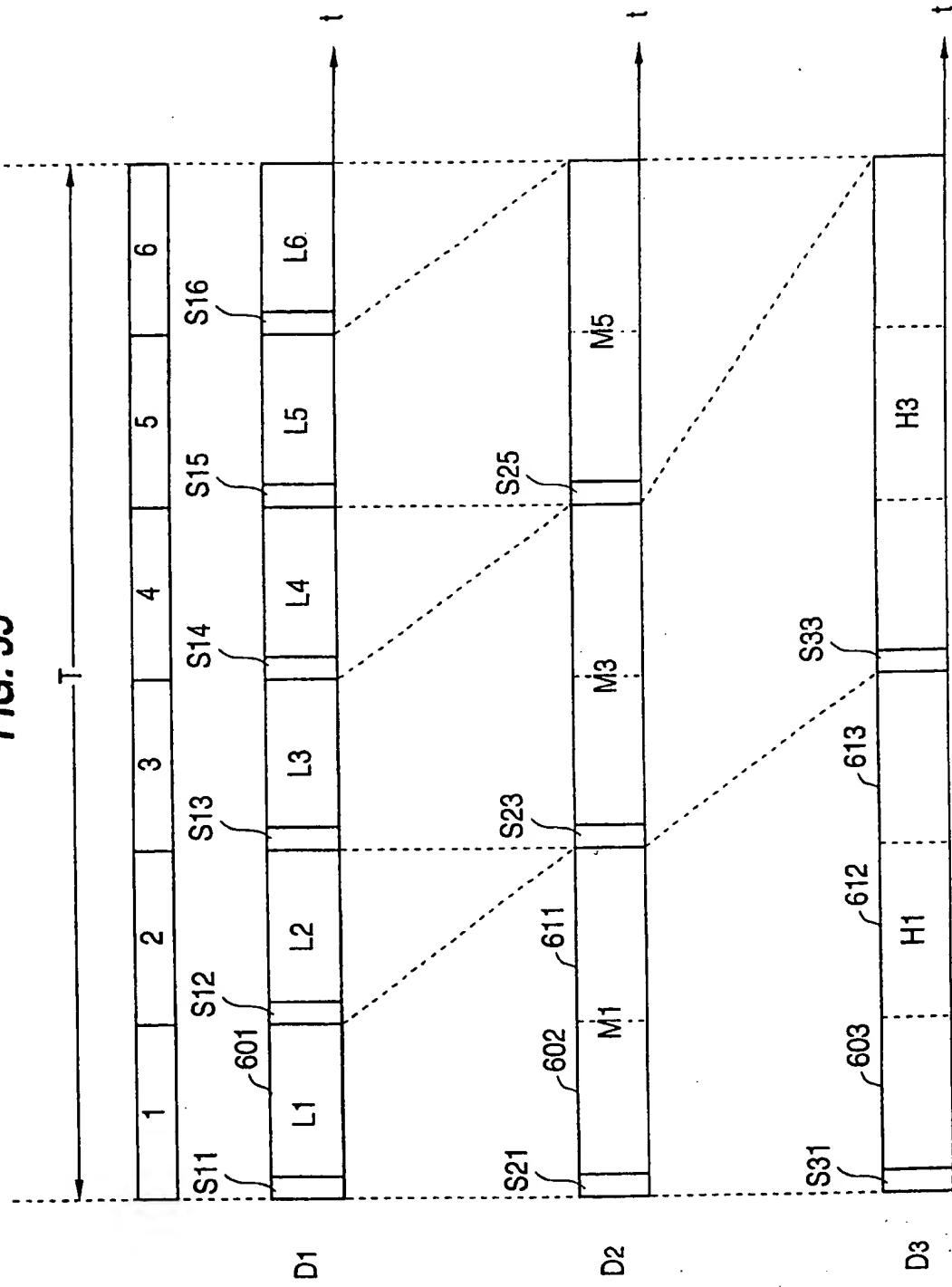
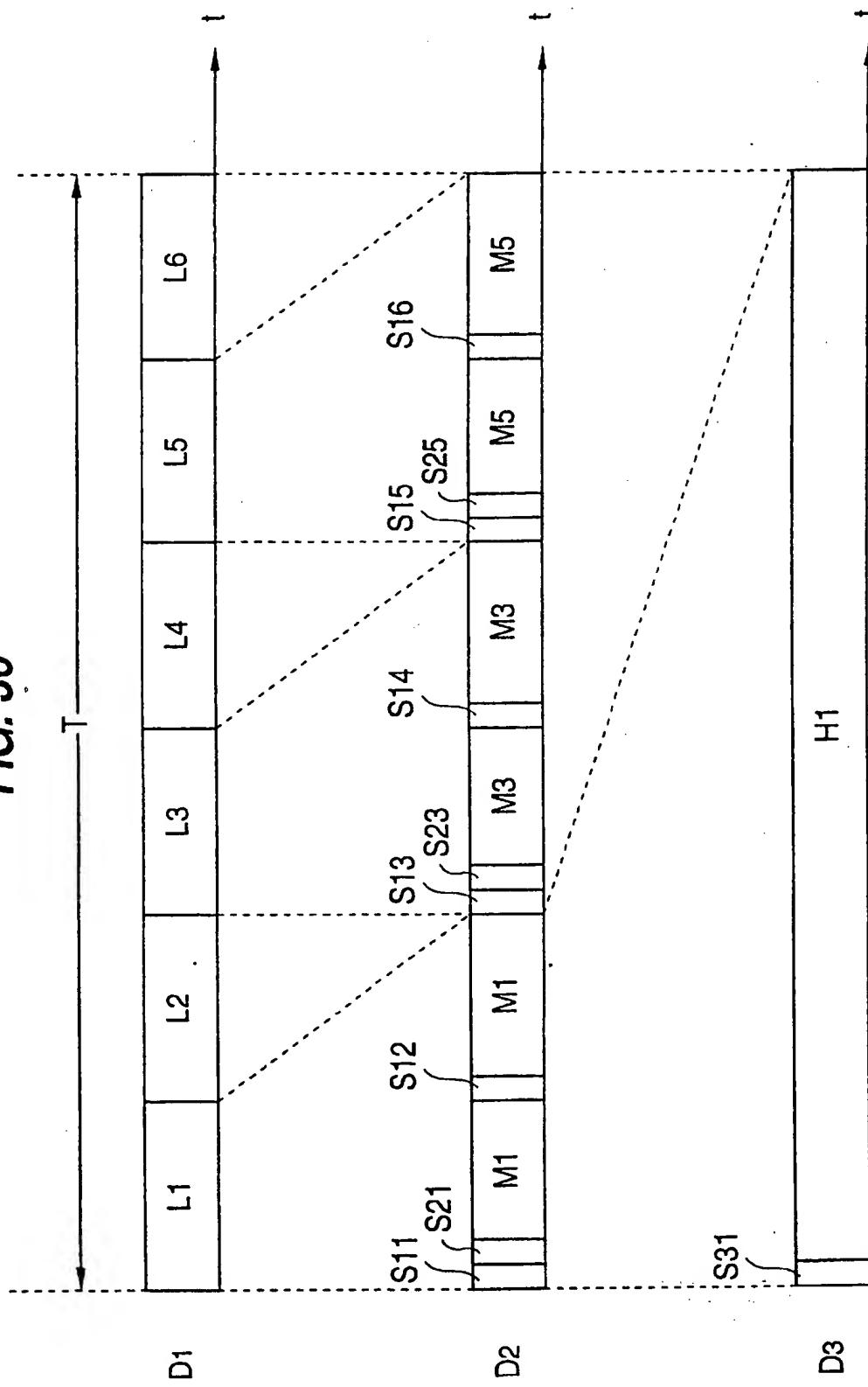


FIG. 36



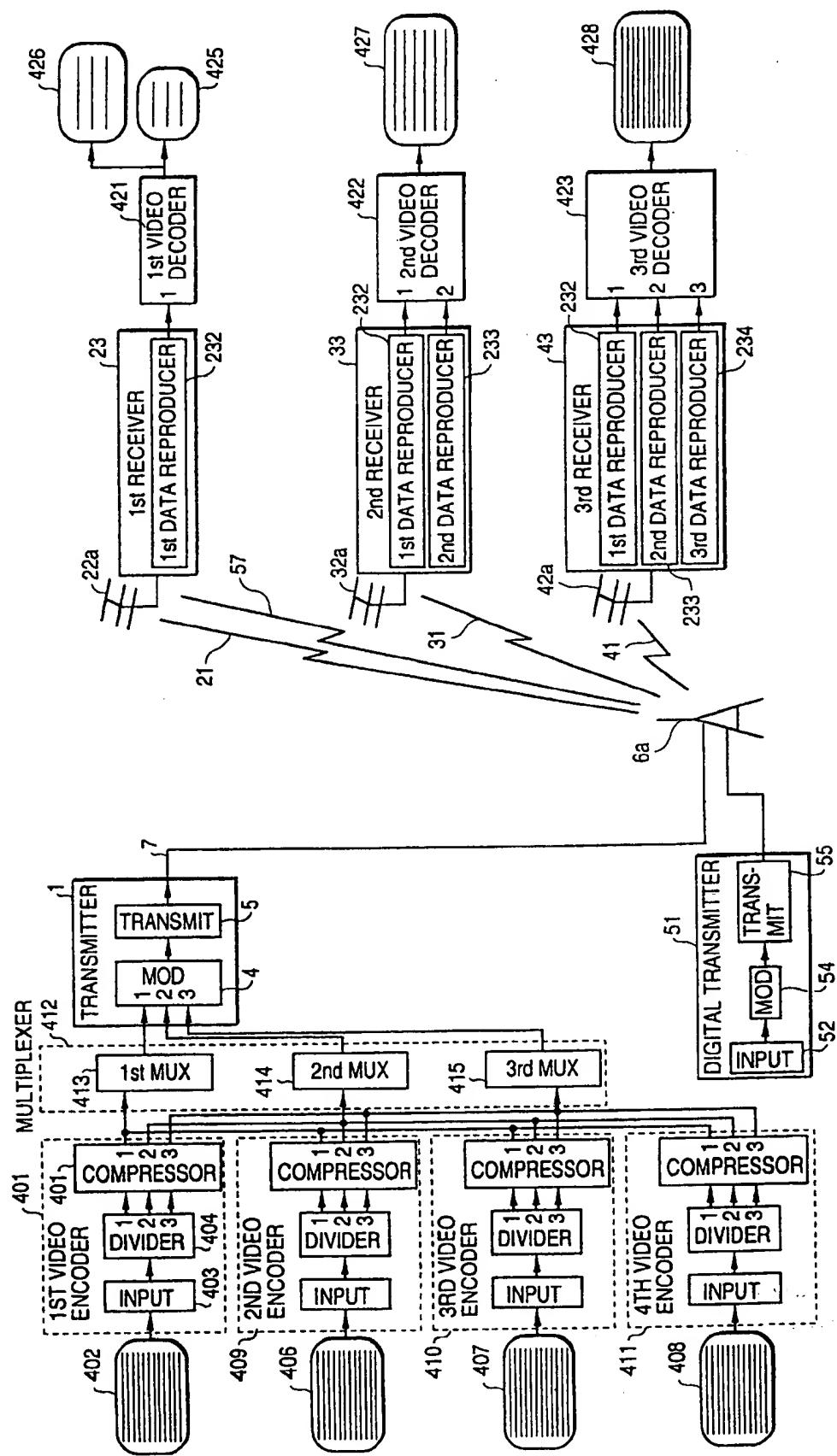


FIG. 38

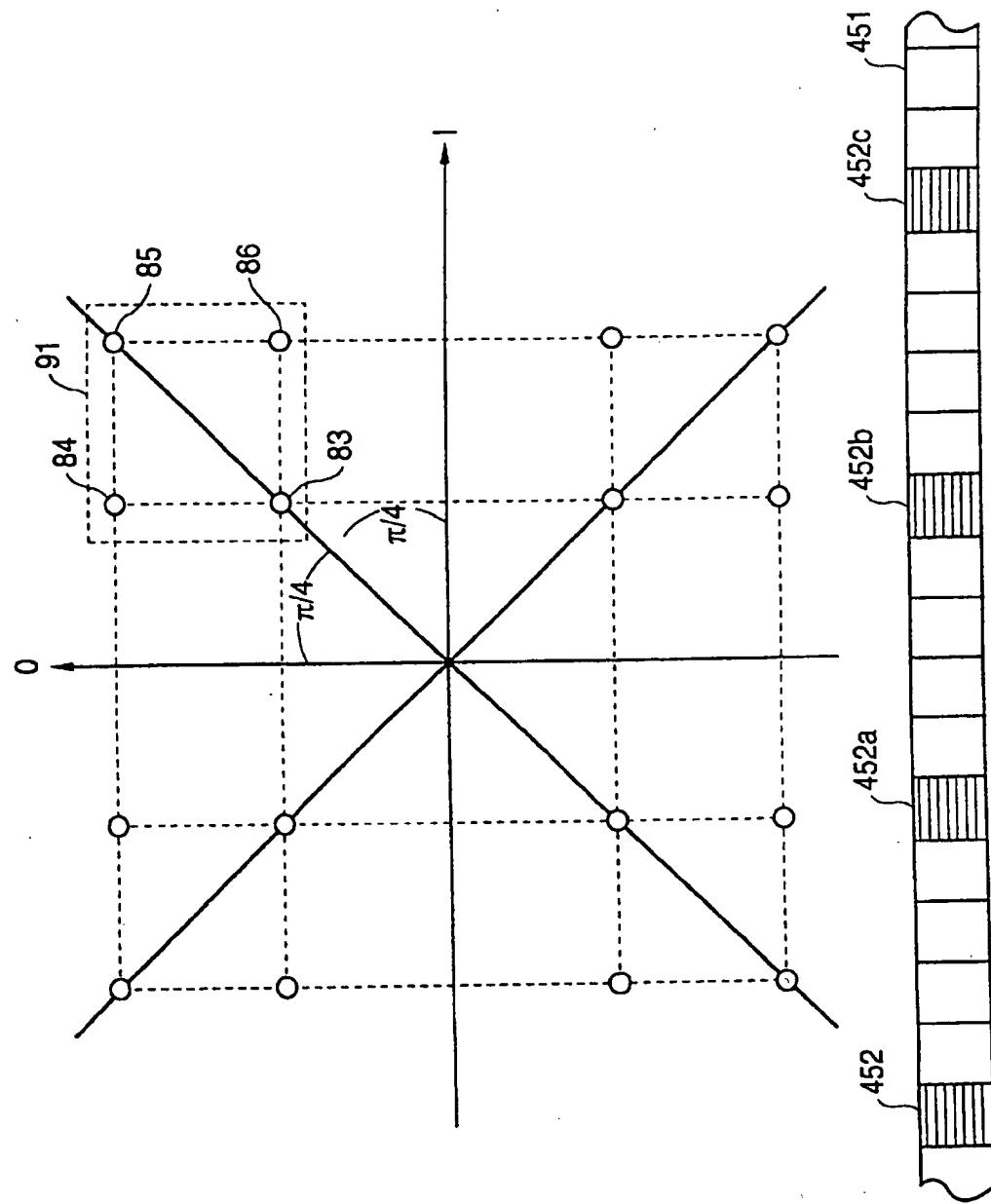


FIG. 39

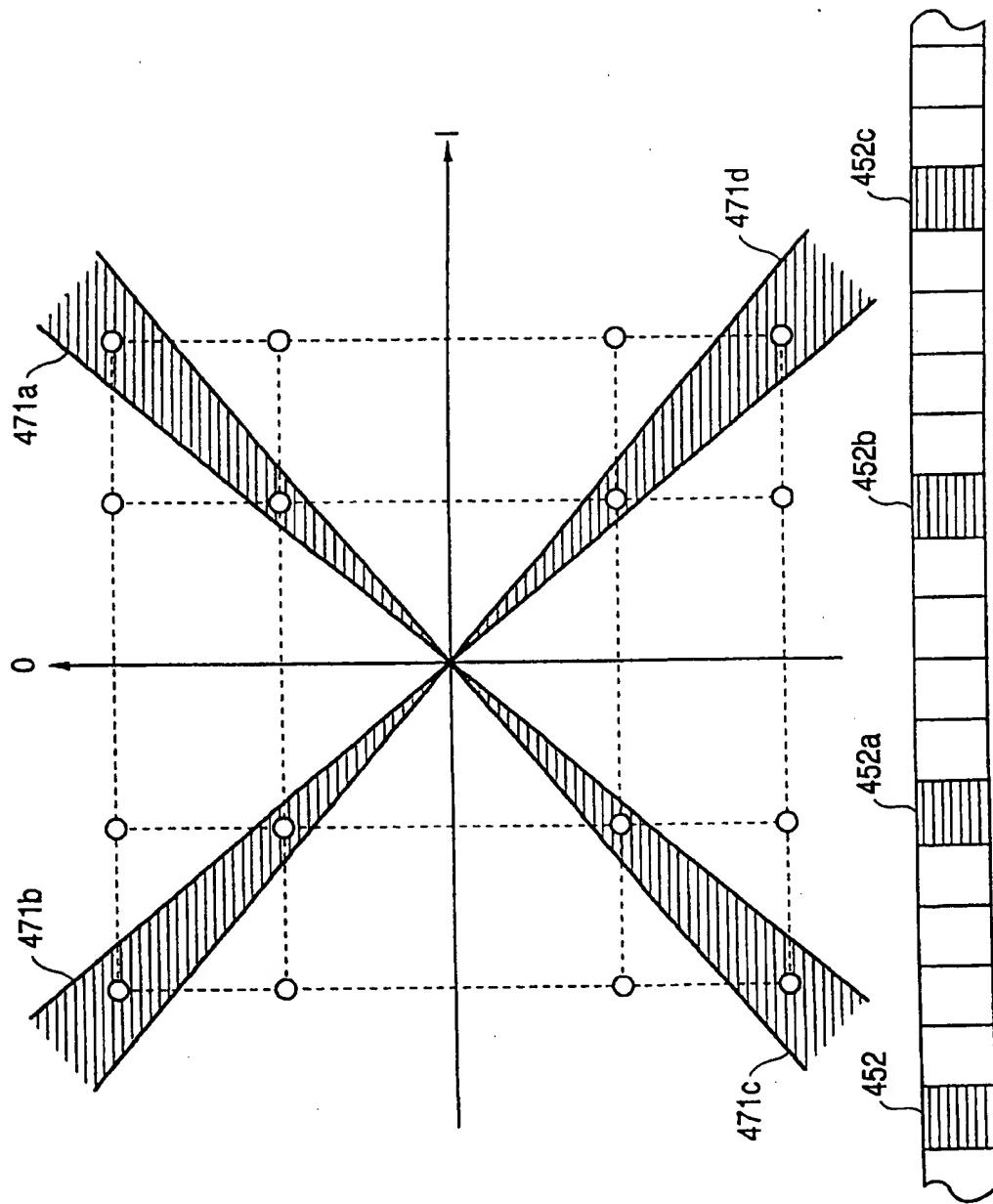
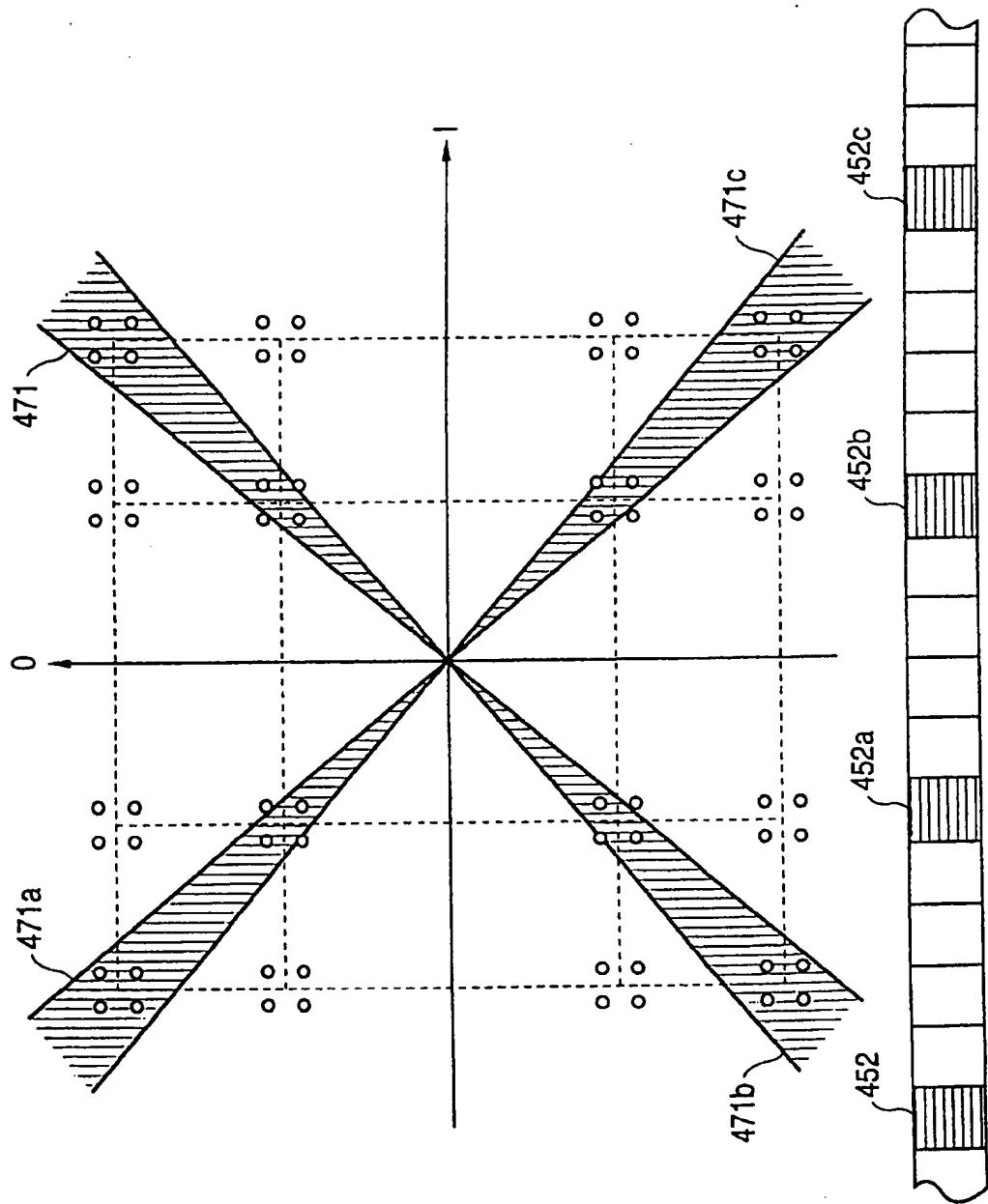
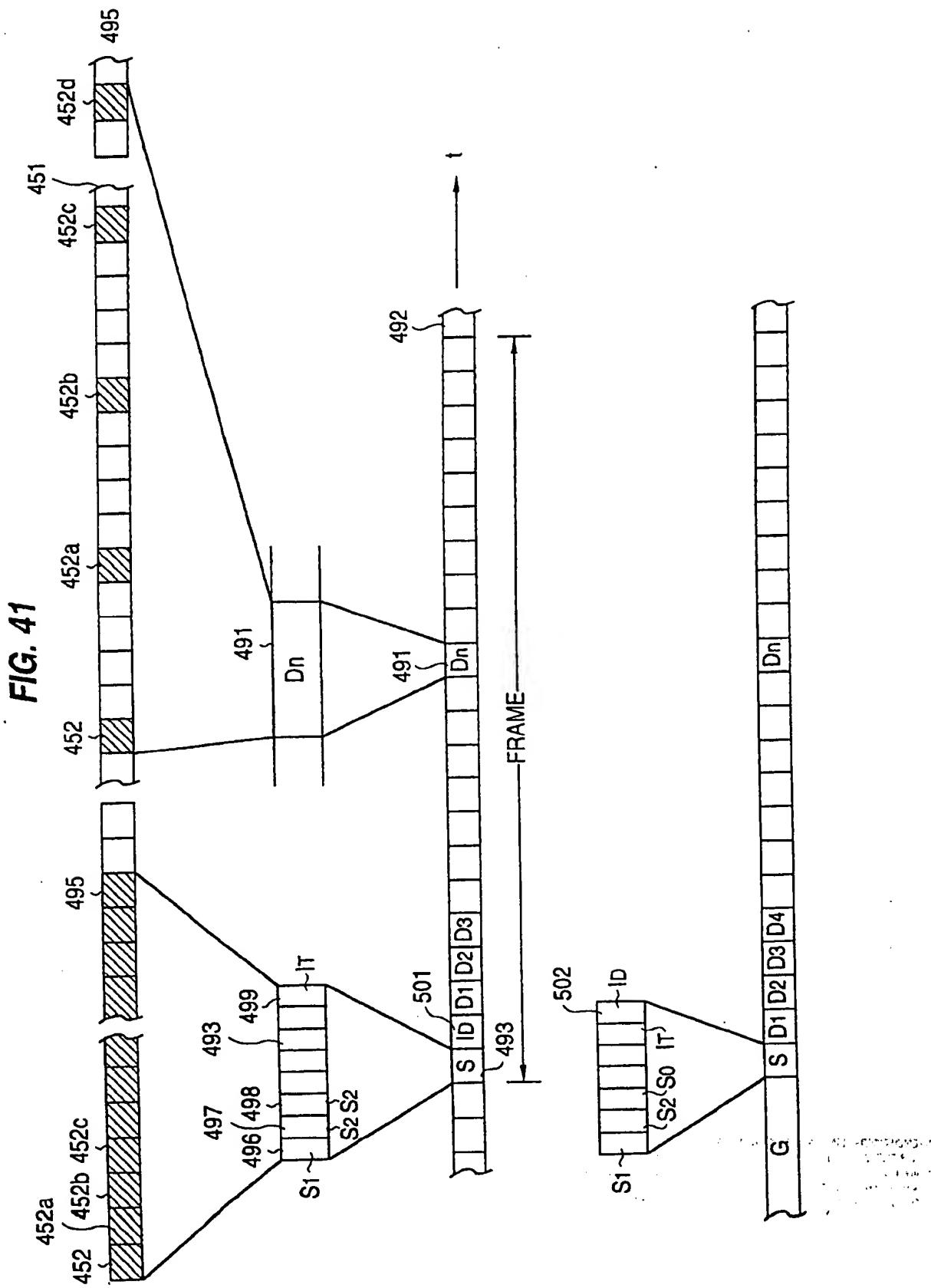


FIG. 40





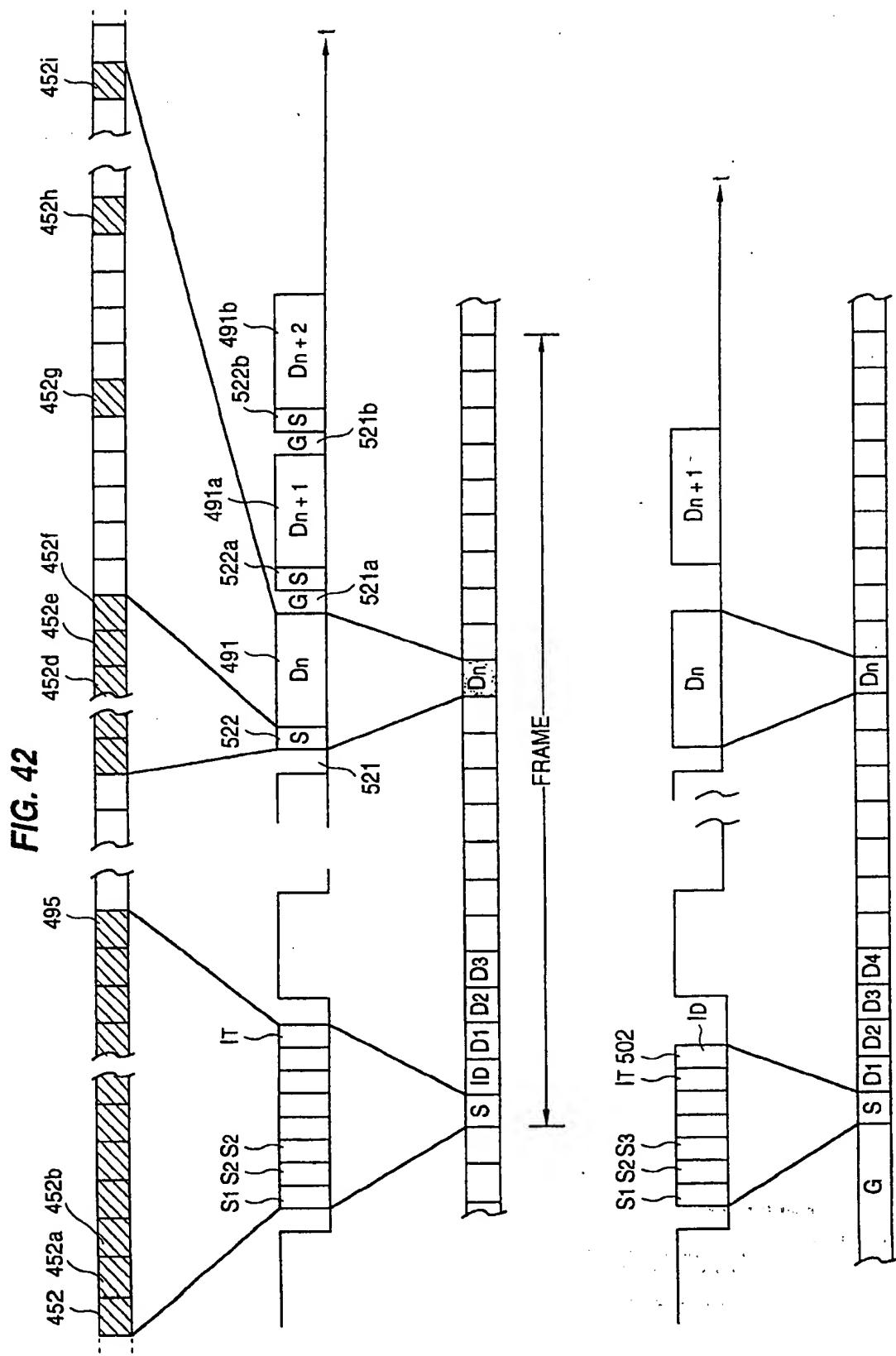
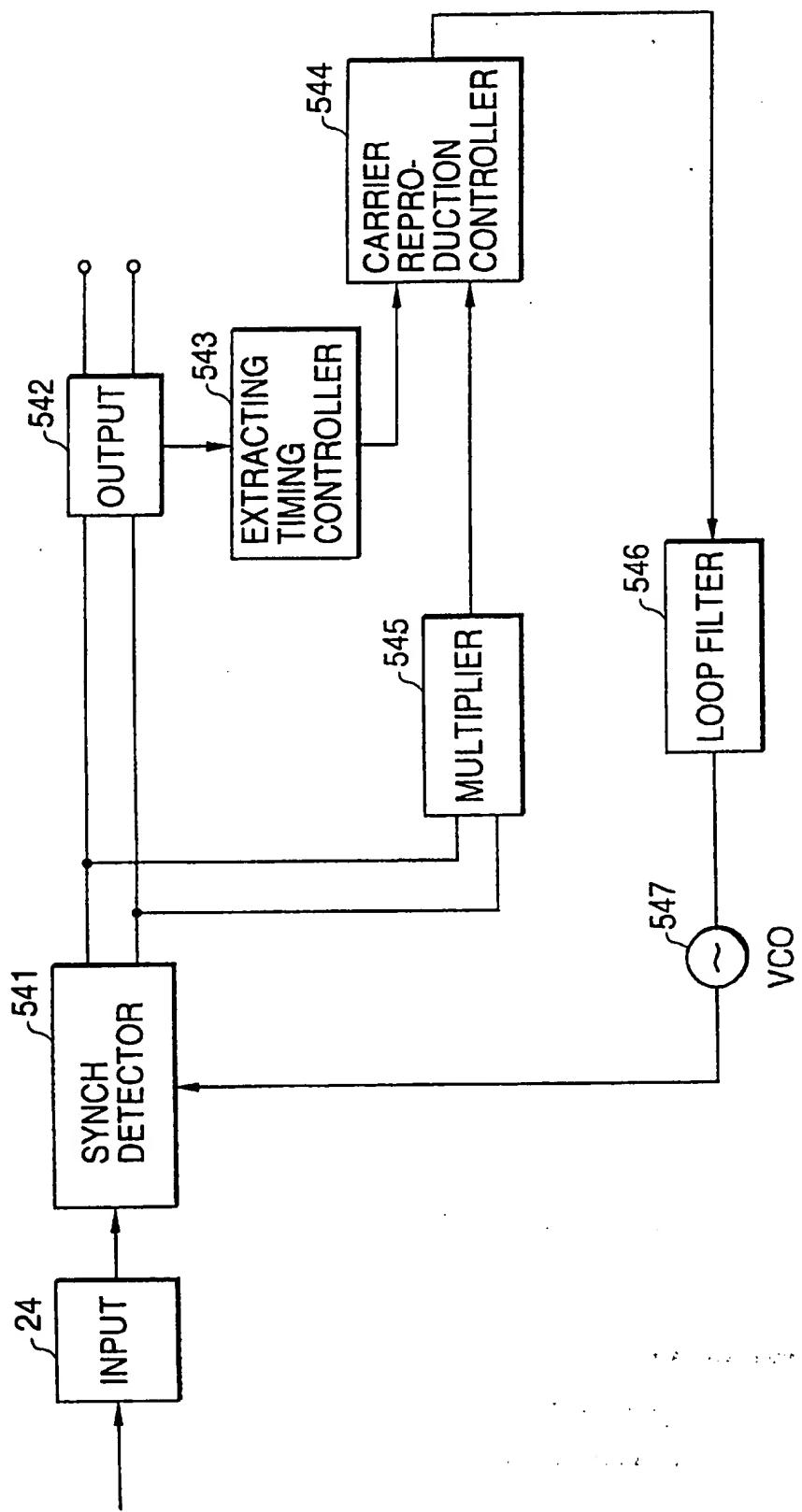
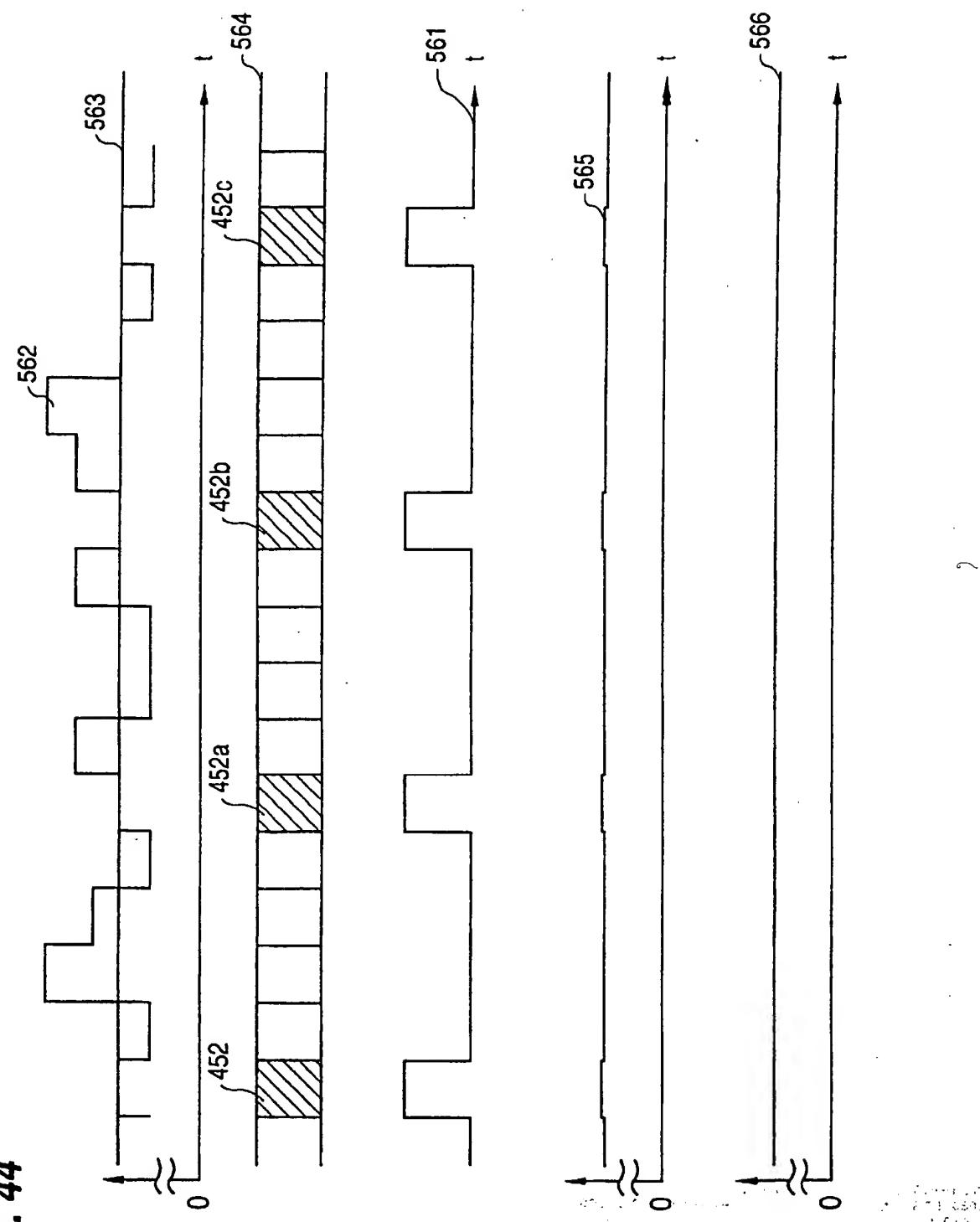


FIG. 43





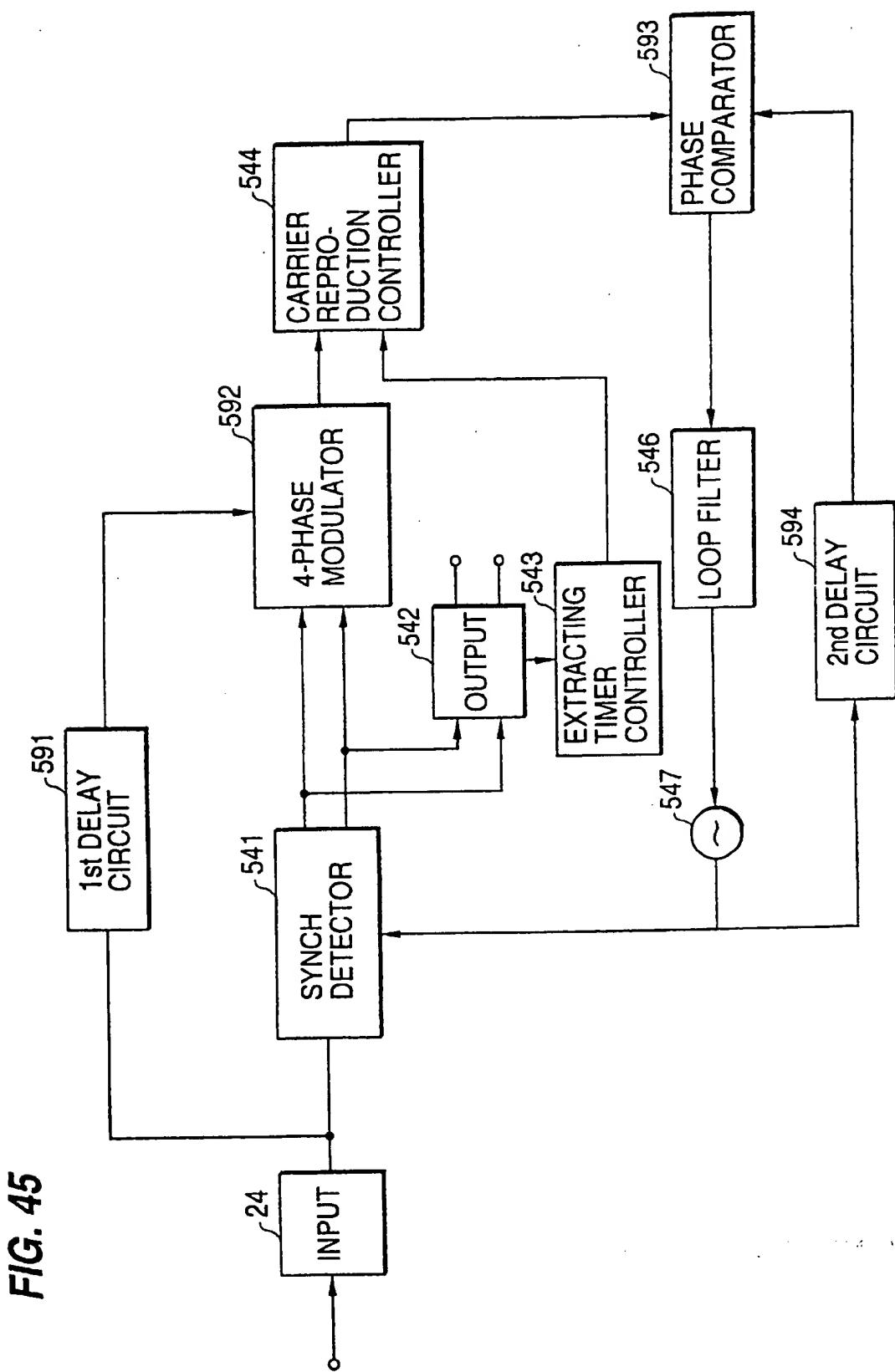
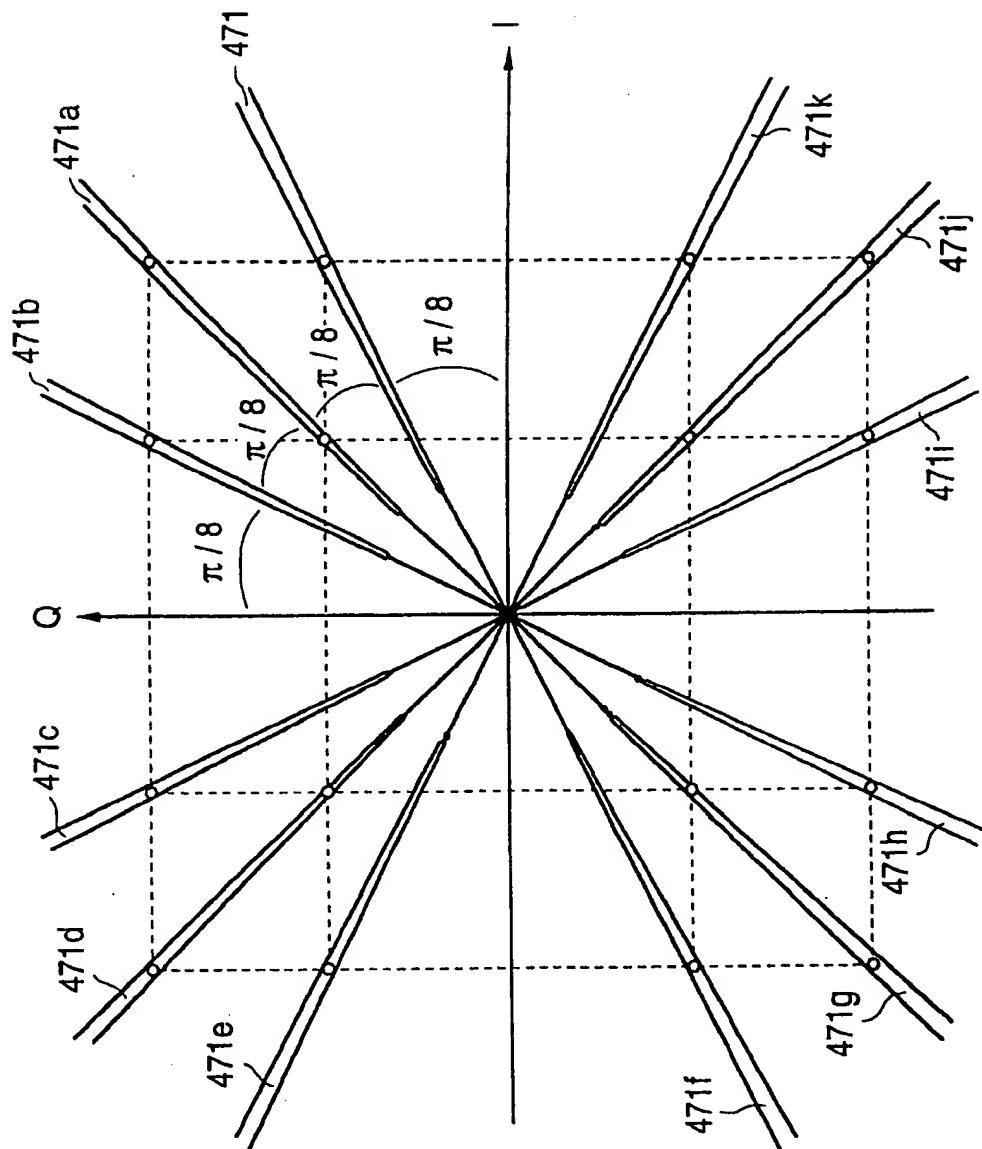


FIG. 46



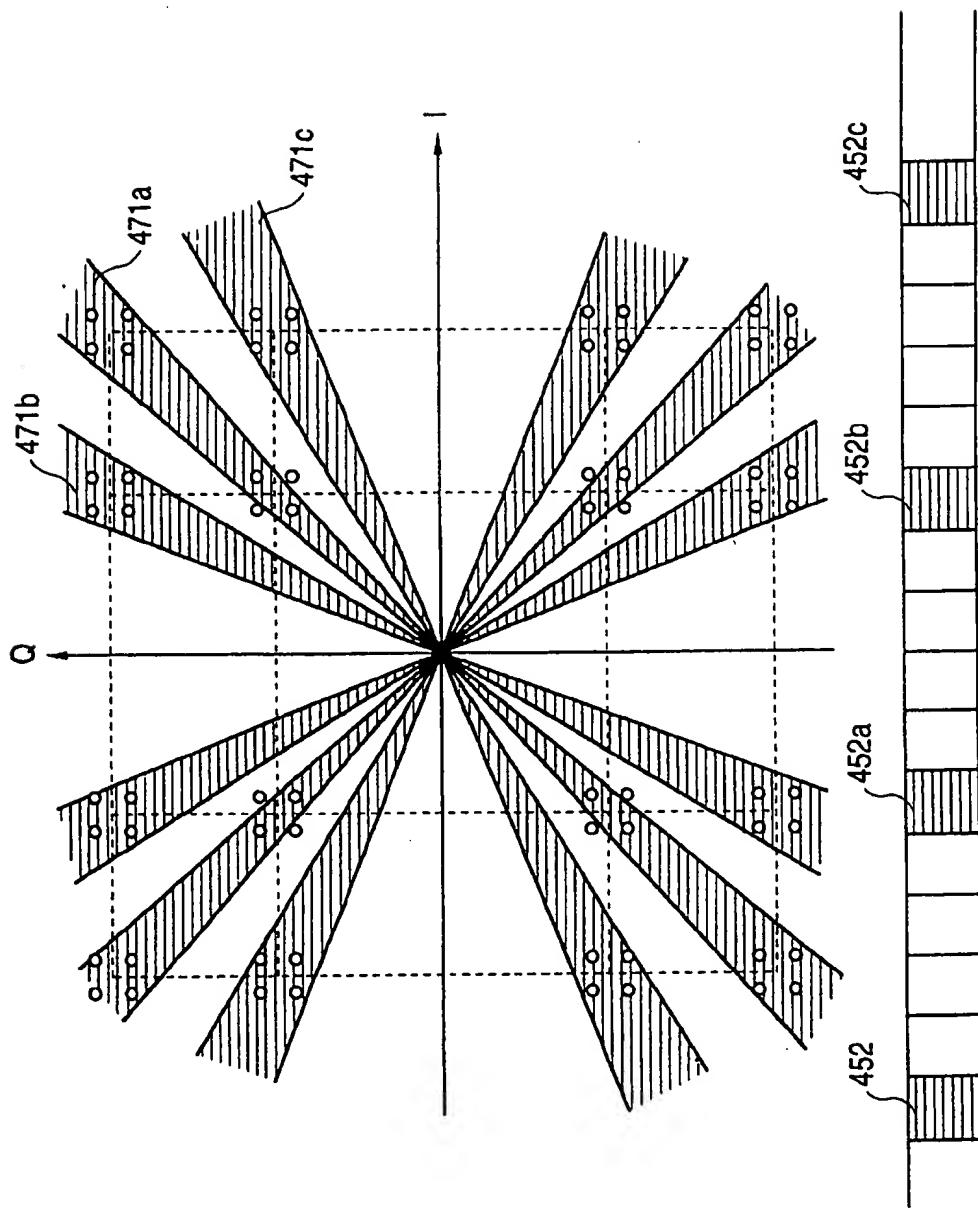


FIG. 47

FIG. 48

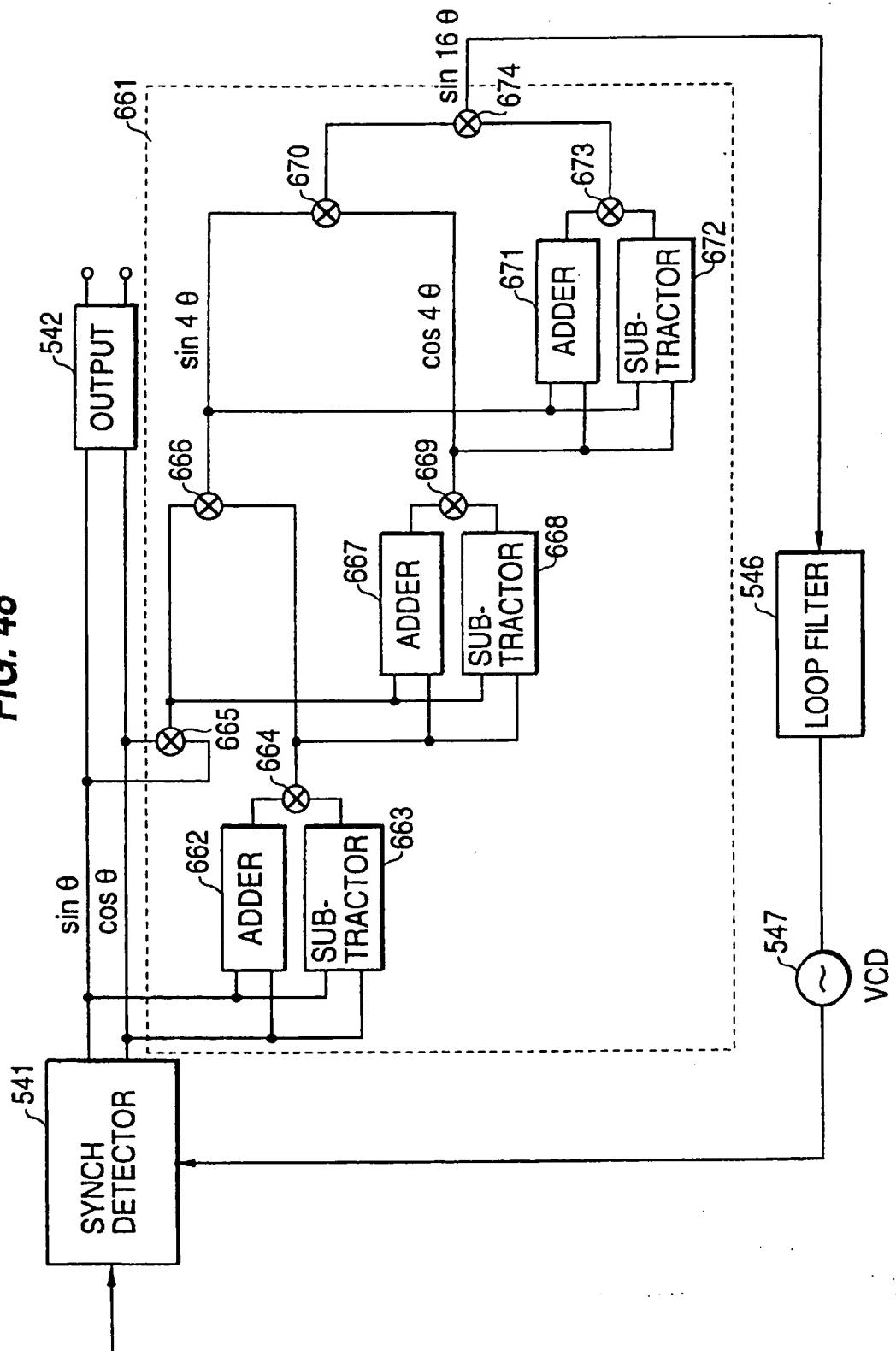


FIG. 49

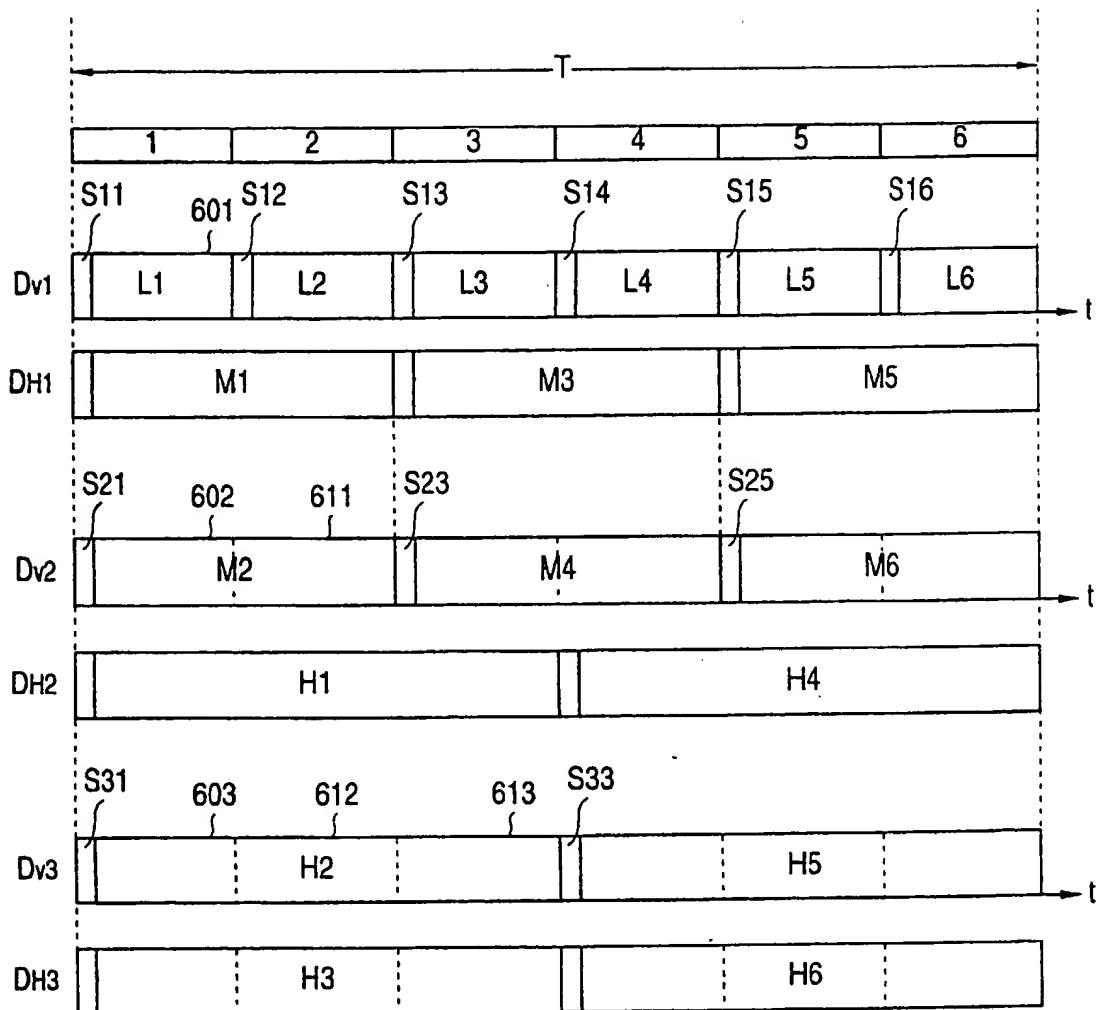


FIG. 50

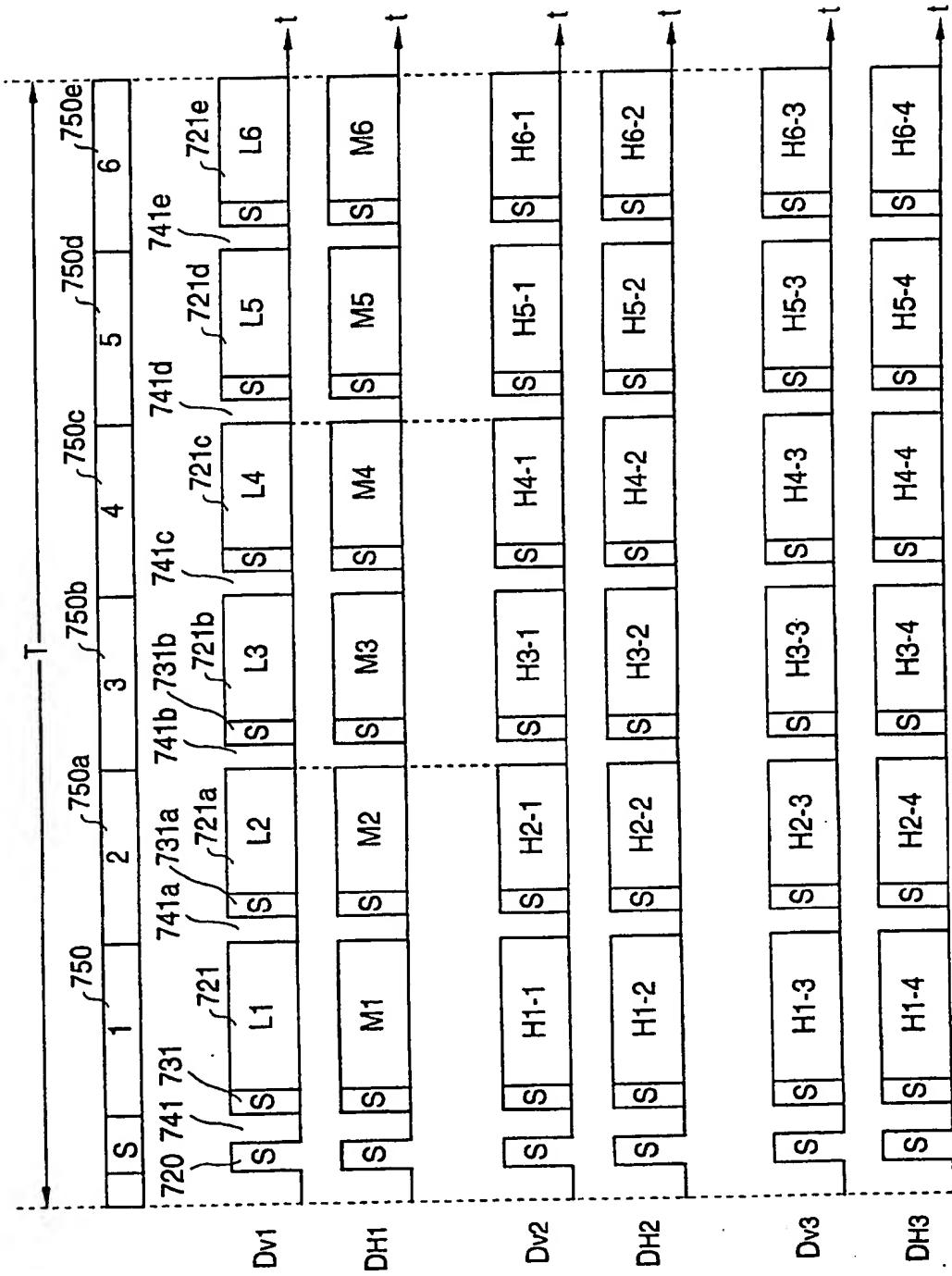


FIG. 51

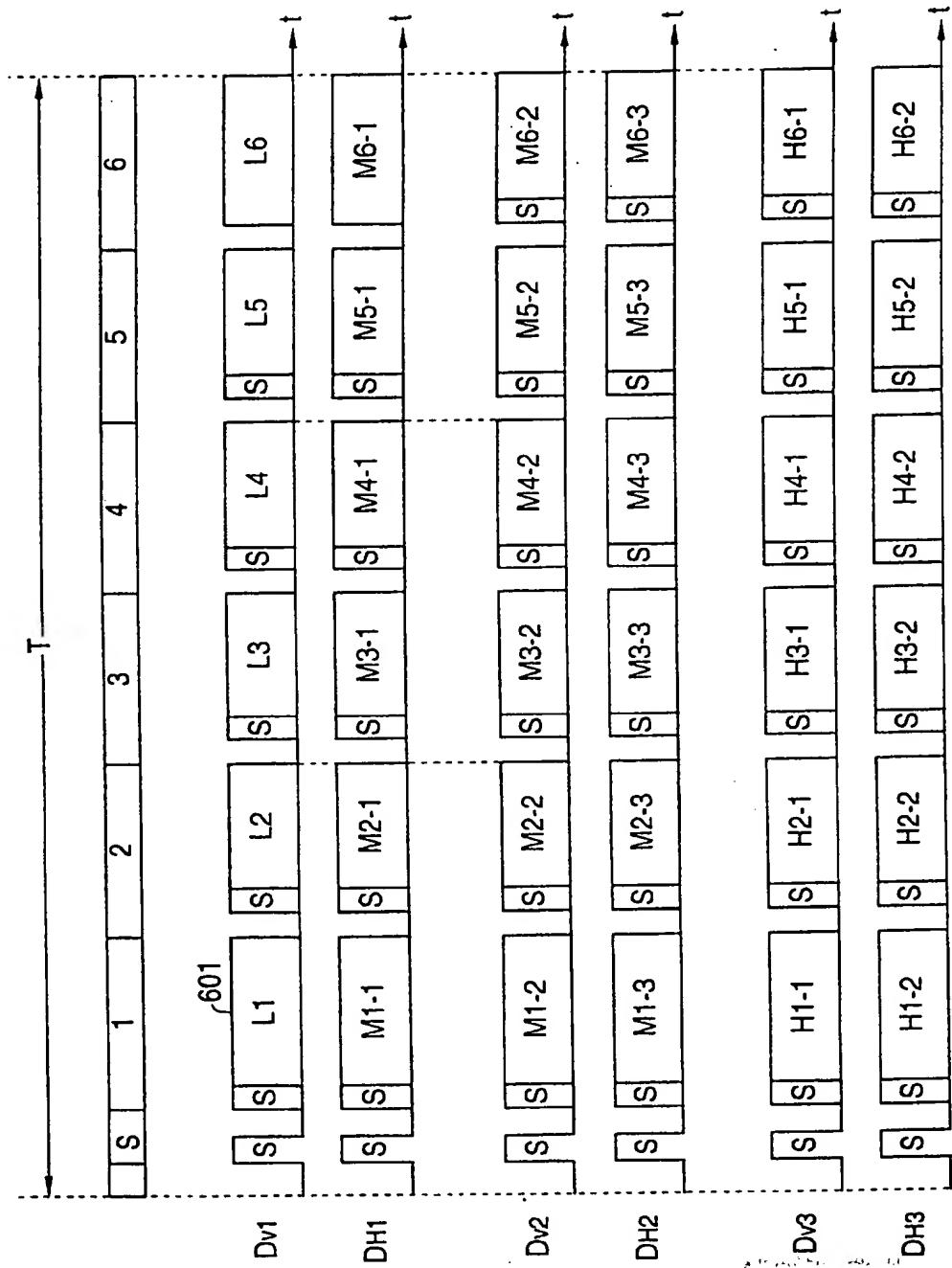


FIG. 52

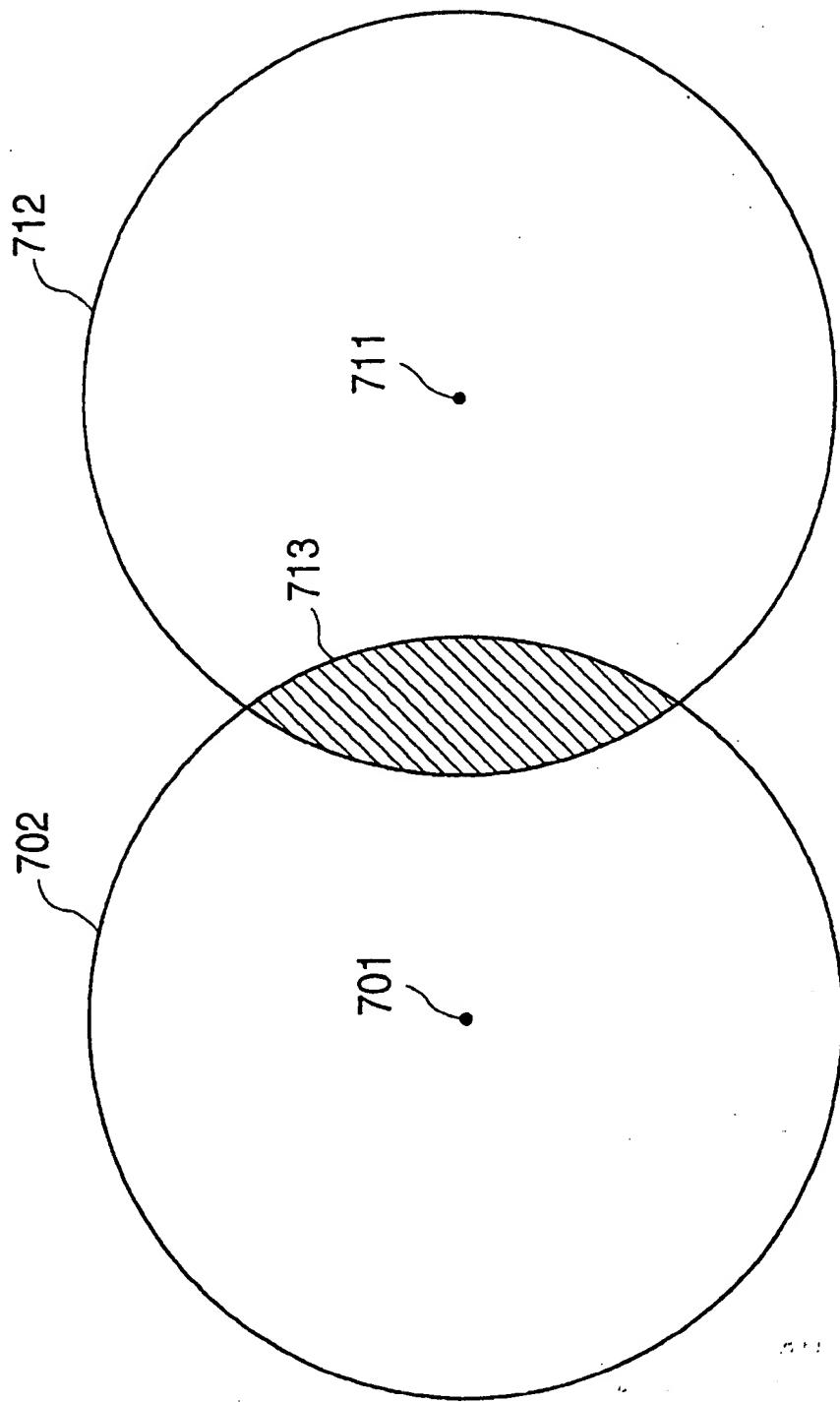


FIG. 53

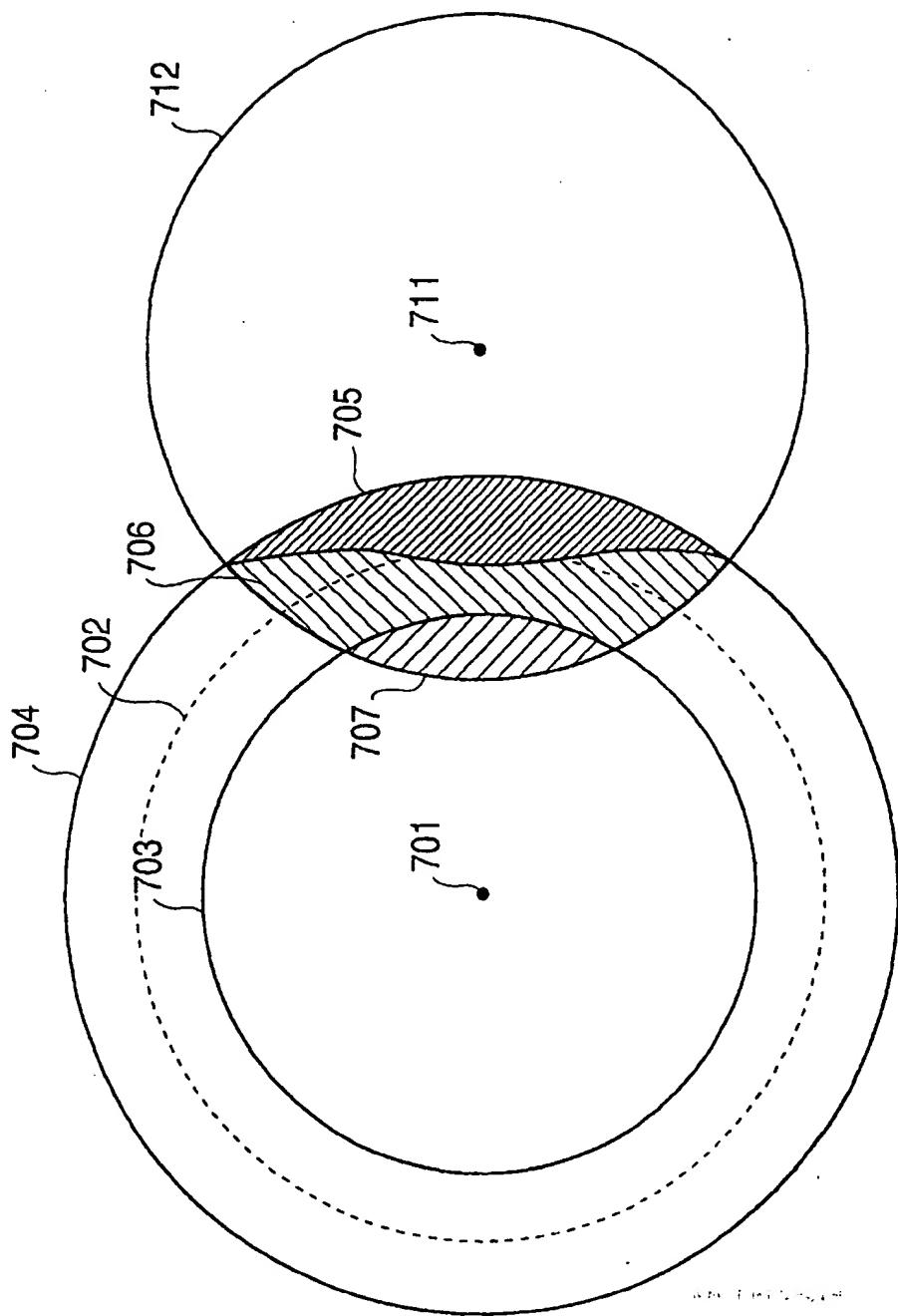


FIG. 54

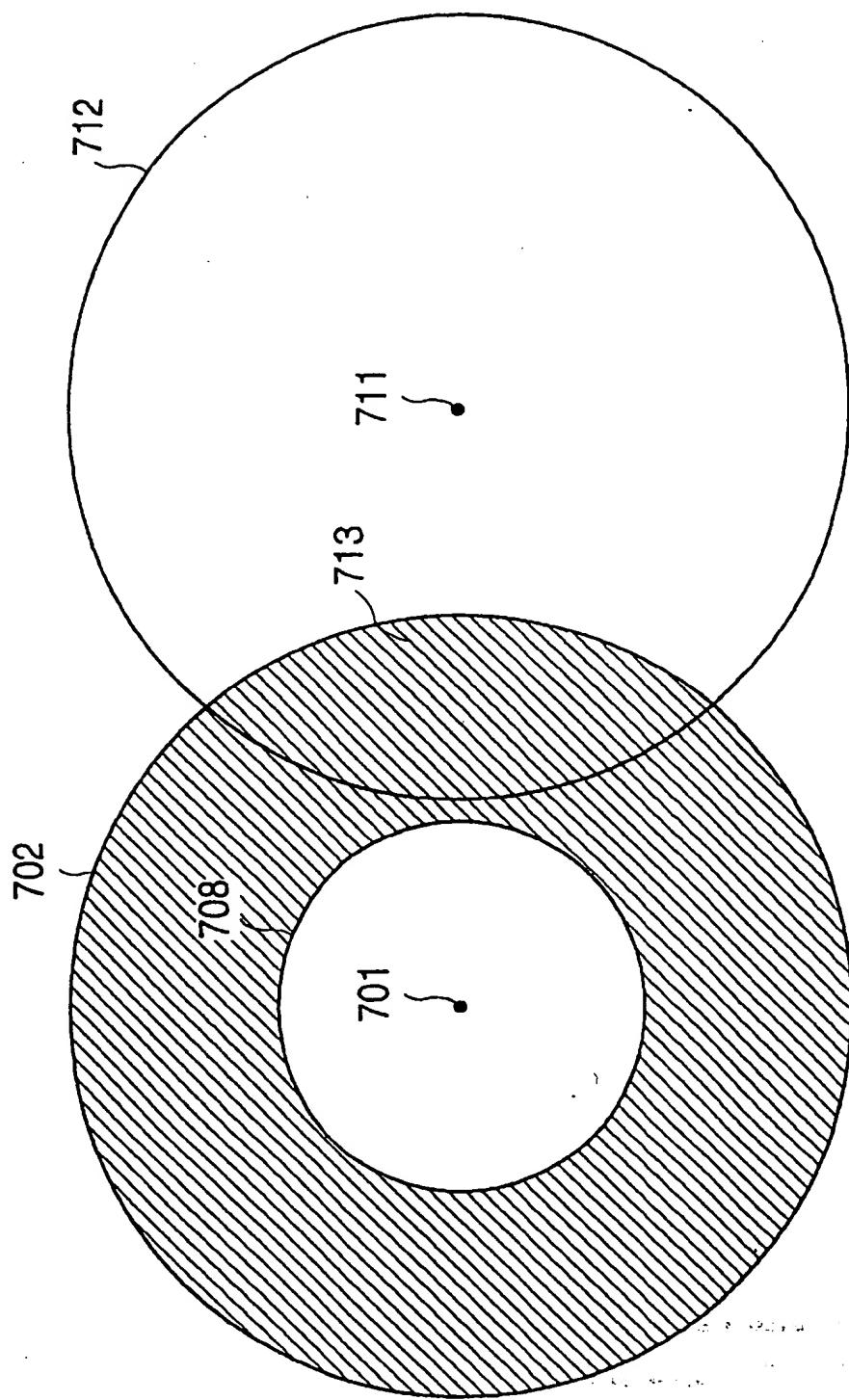


FIG. 55

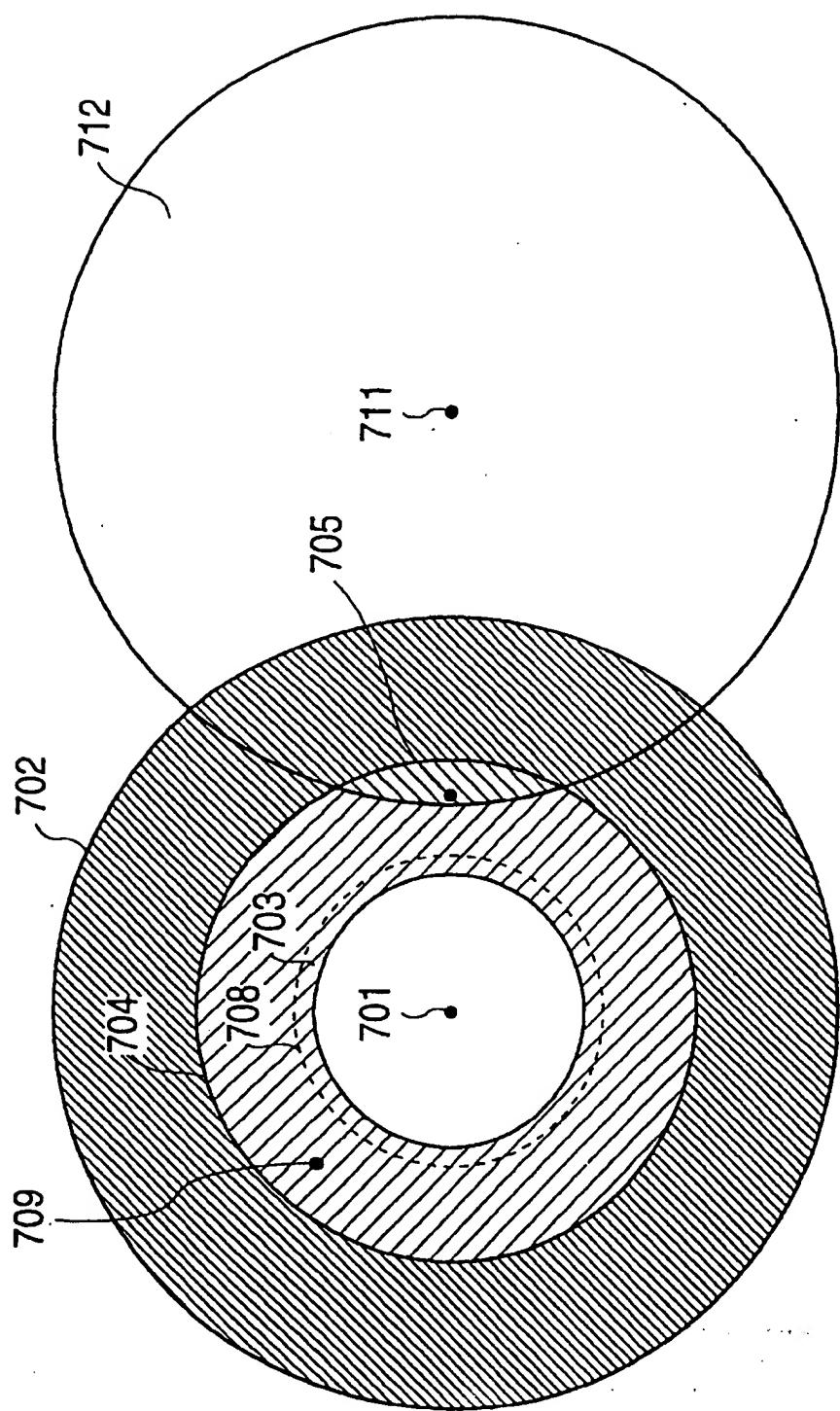


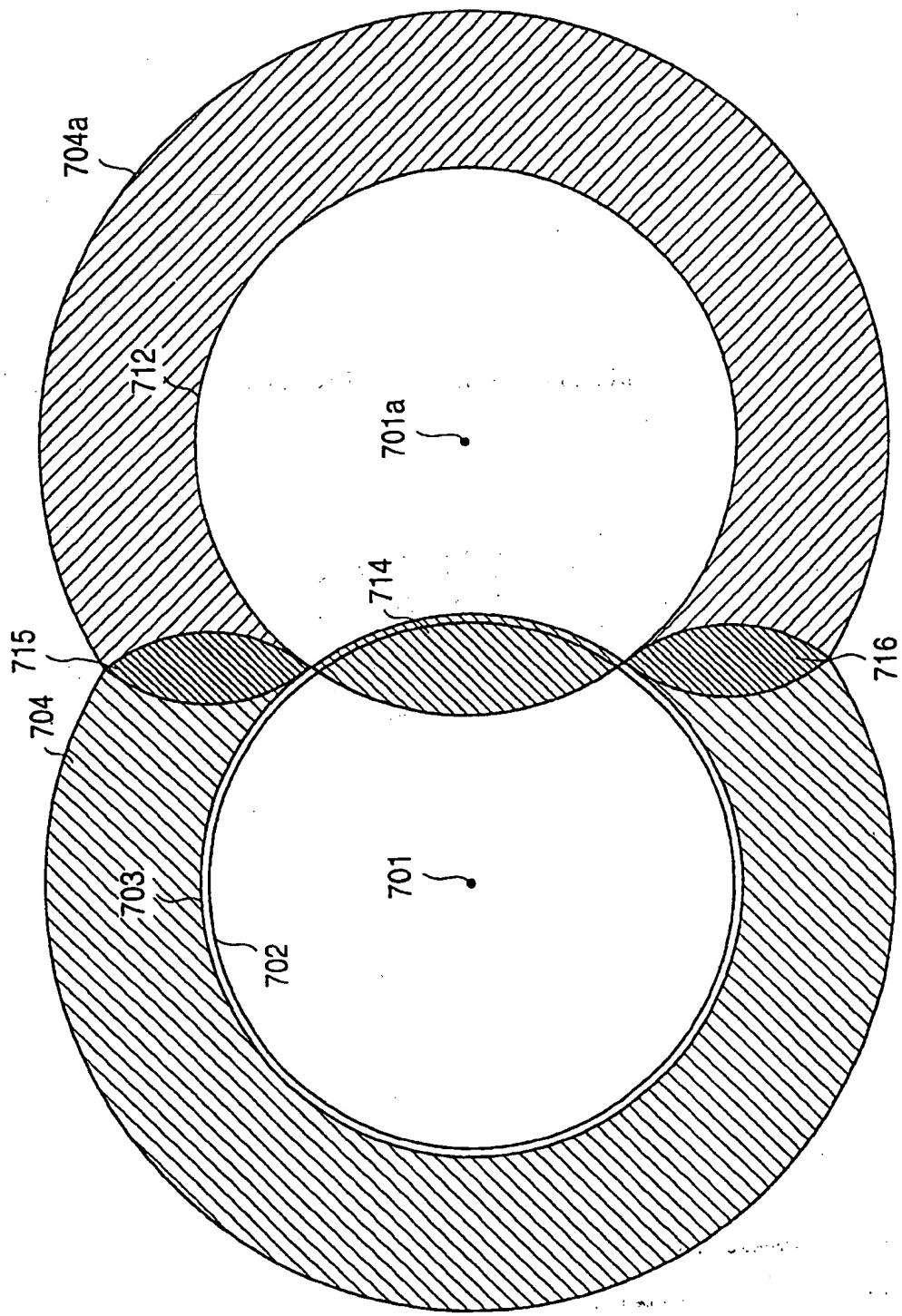
FIG. 56

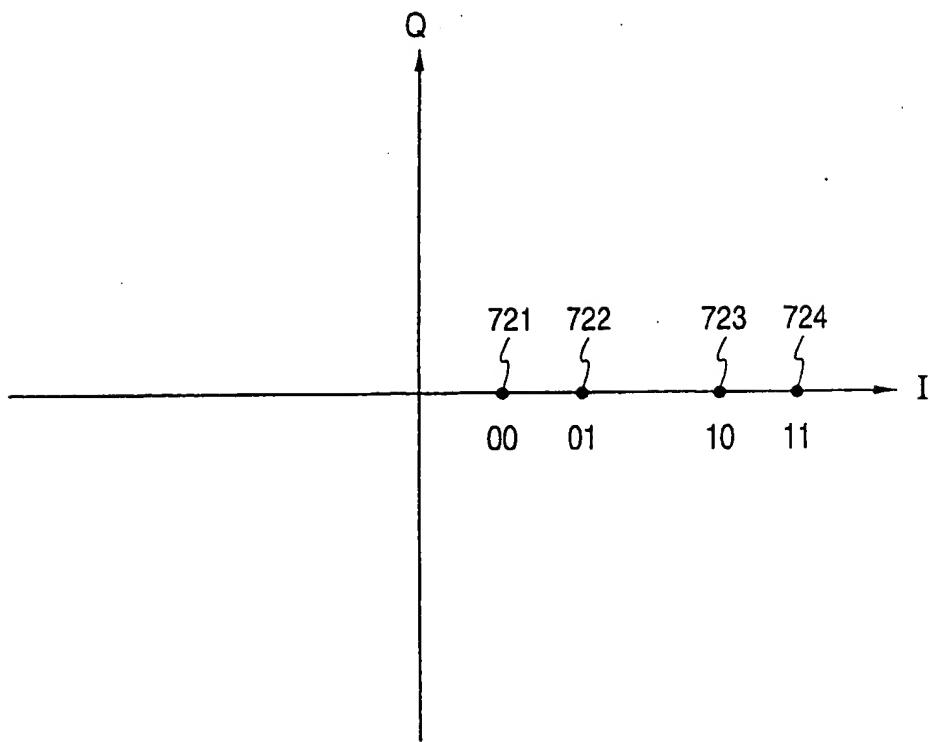
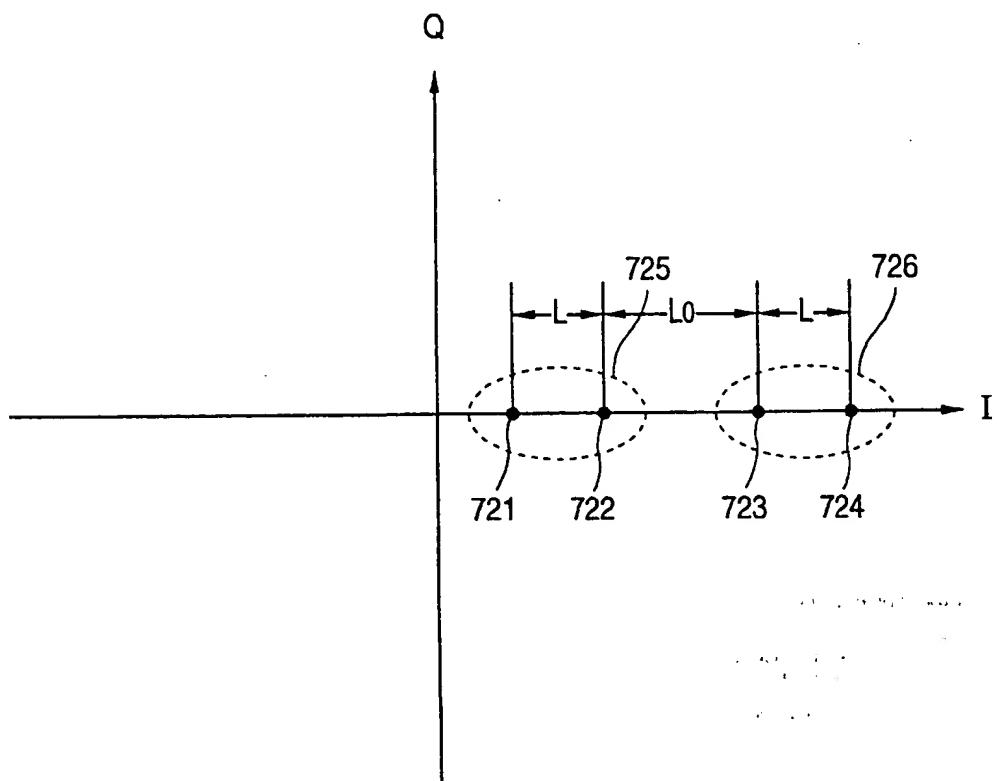
FIG. 57**FIG. 58**

FIG. 59(a)

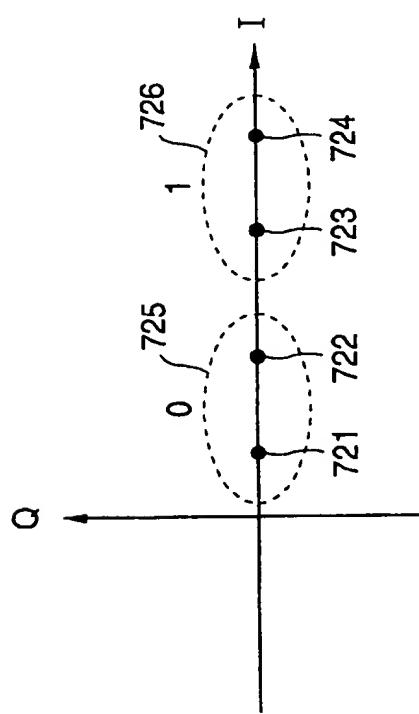


FIG. 59(b)

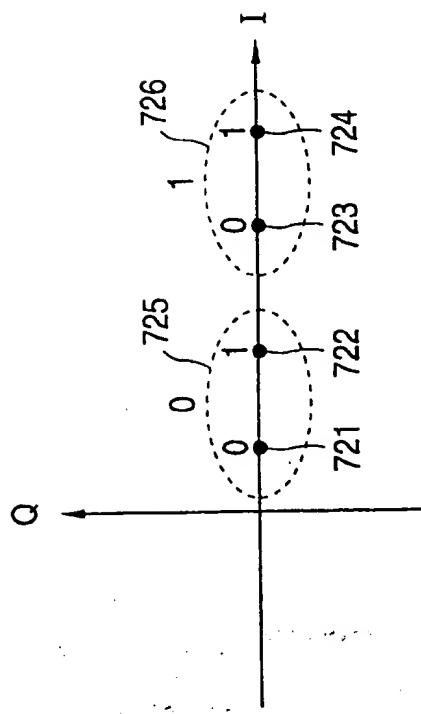


FIG. 59(c)

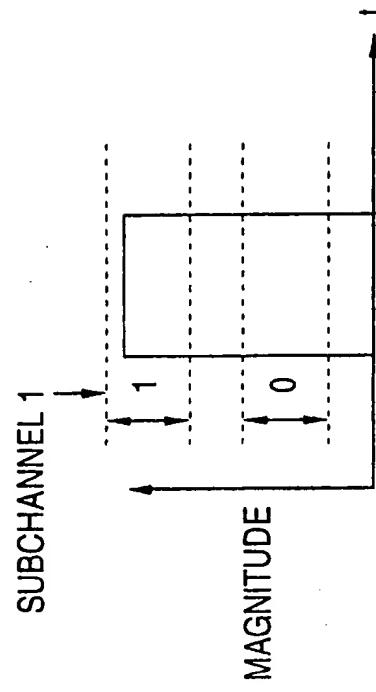
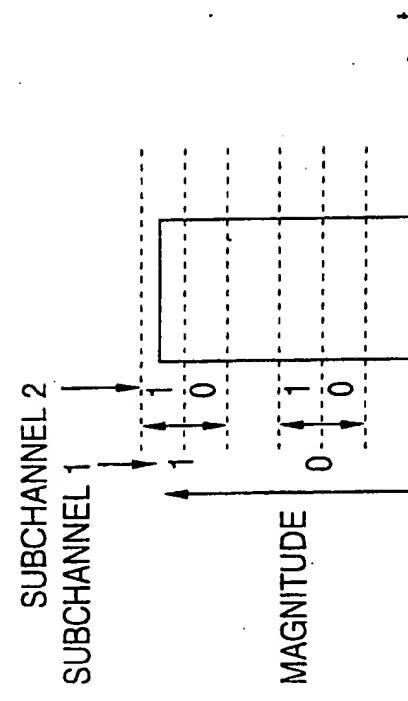


FIG. 59(d)



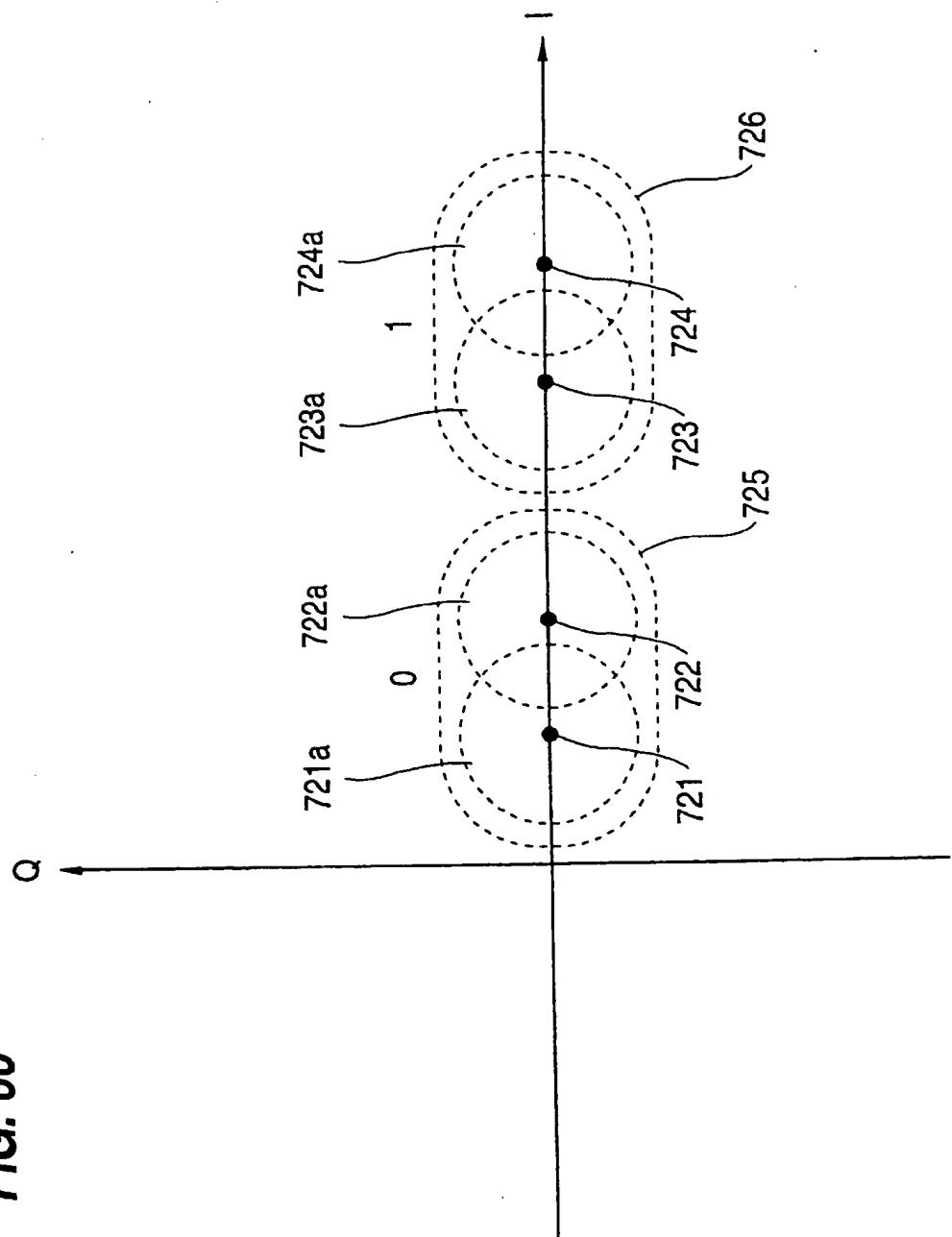


FIG. 60

FIG. 61

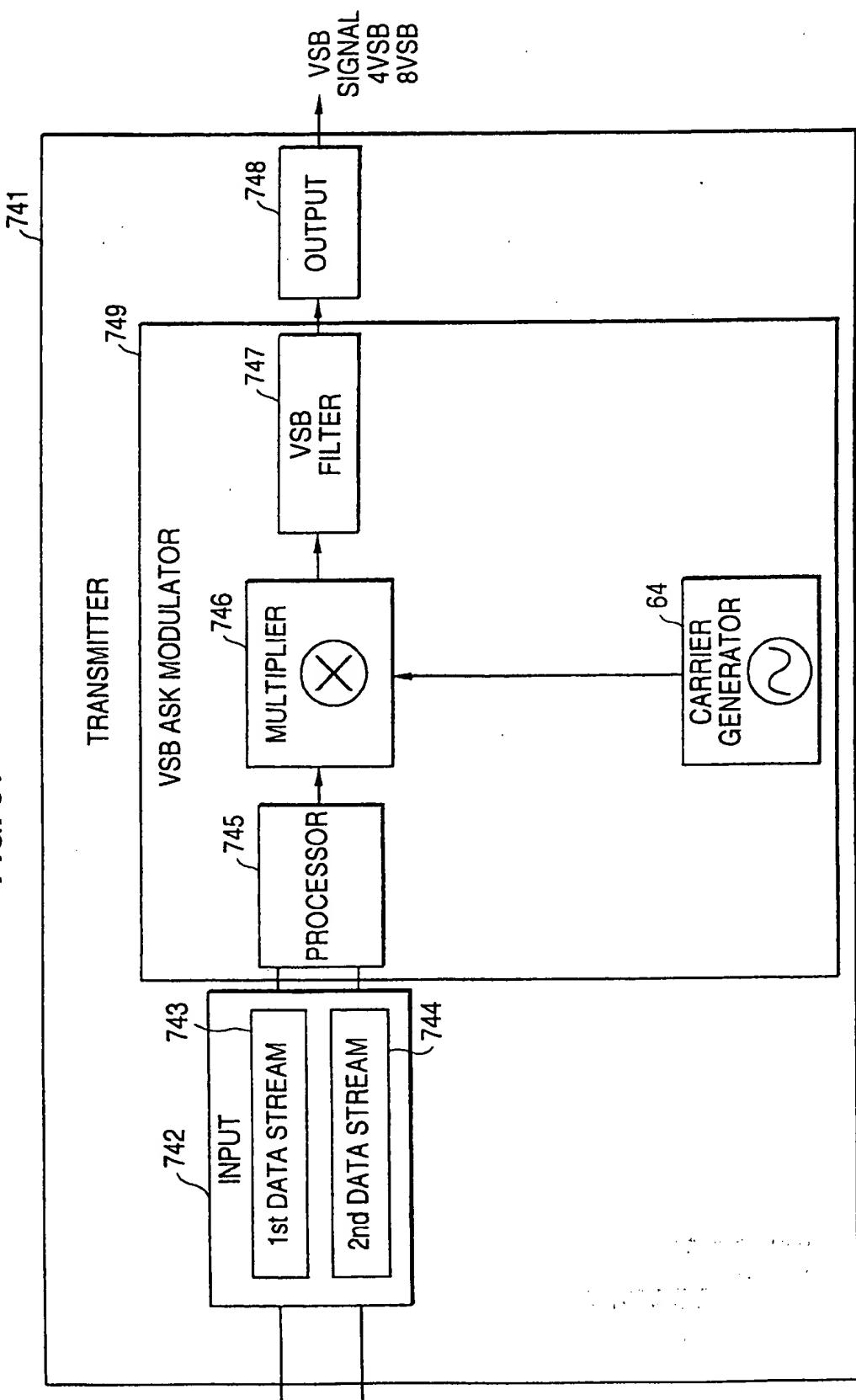


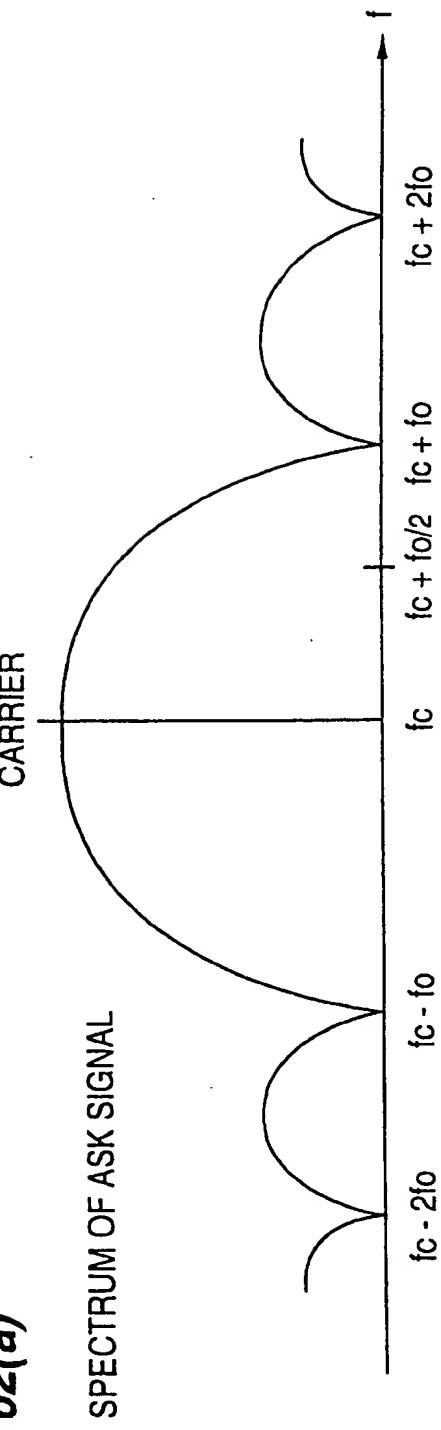
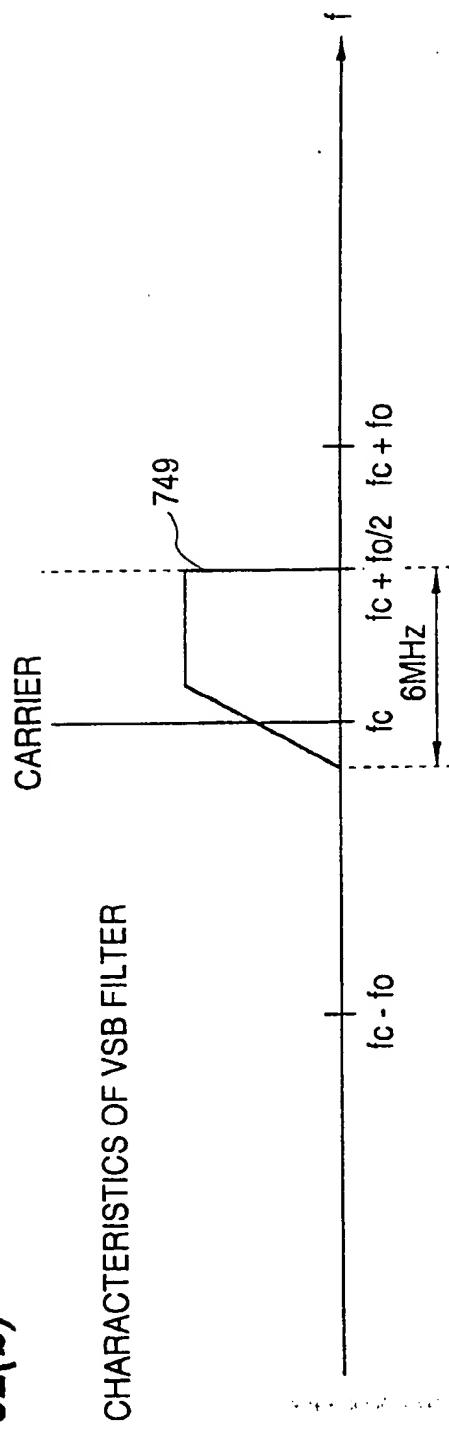
FIG. 62(a)**FIG. 62(b)**

FIG. 63

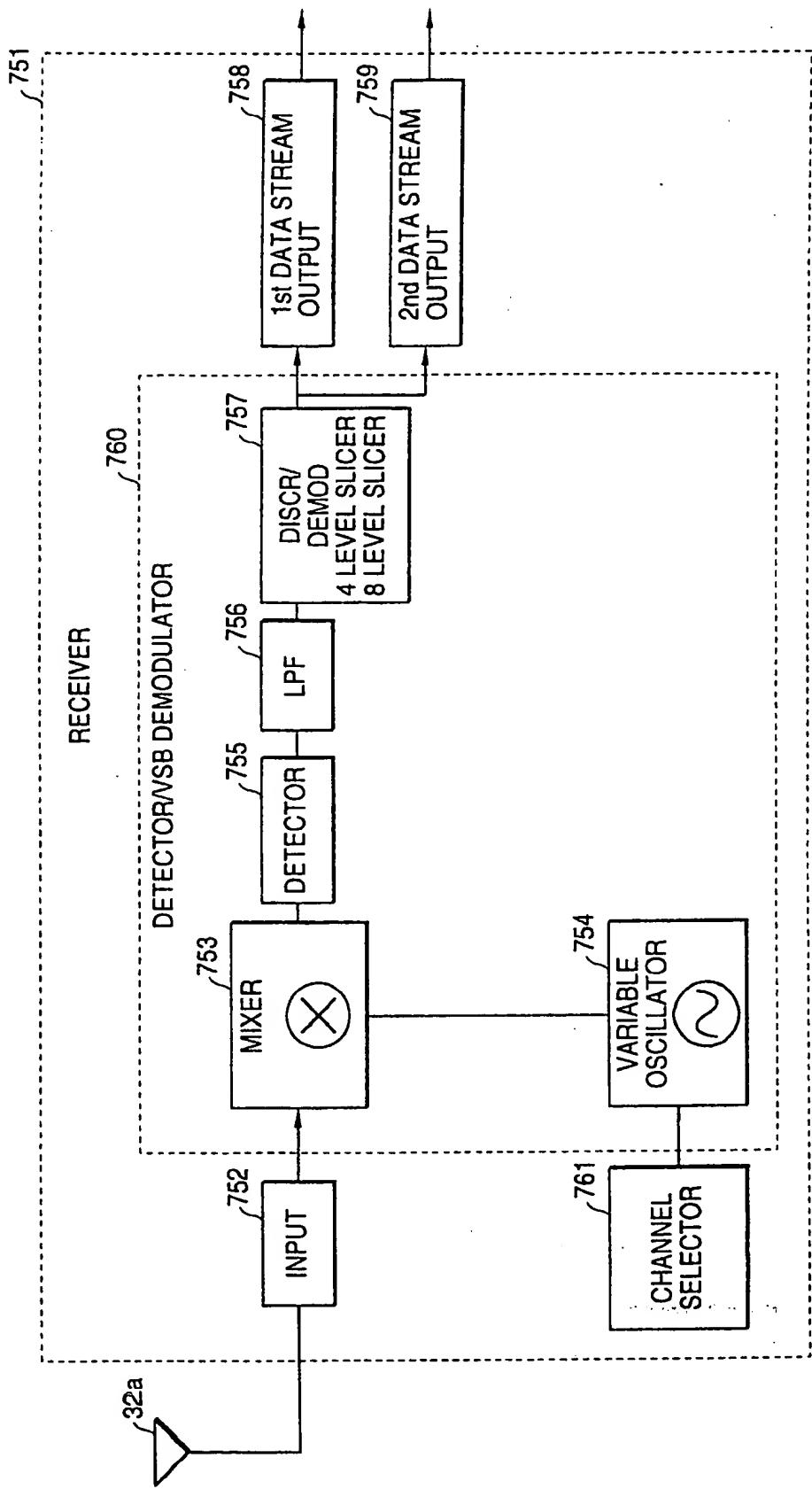


FIG. 64

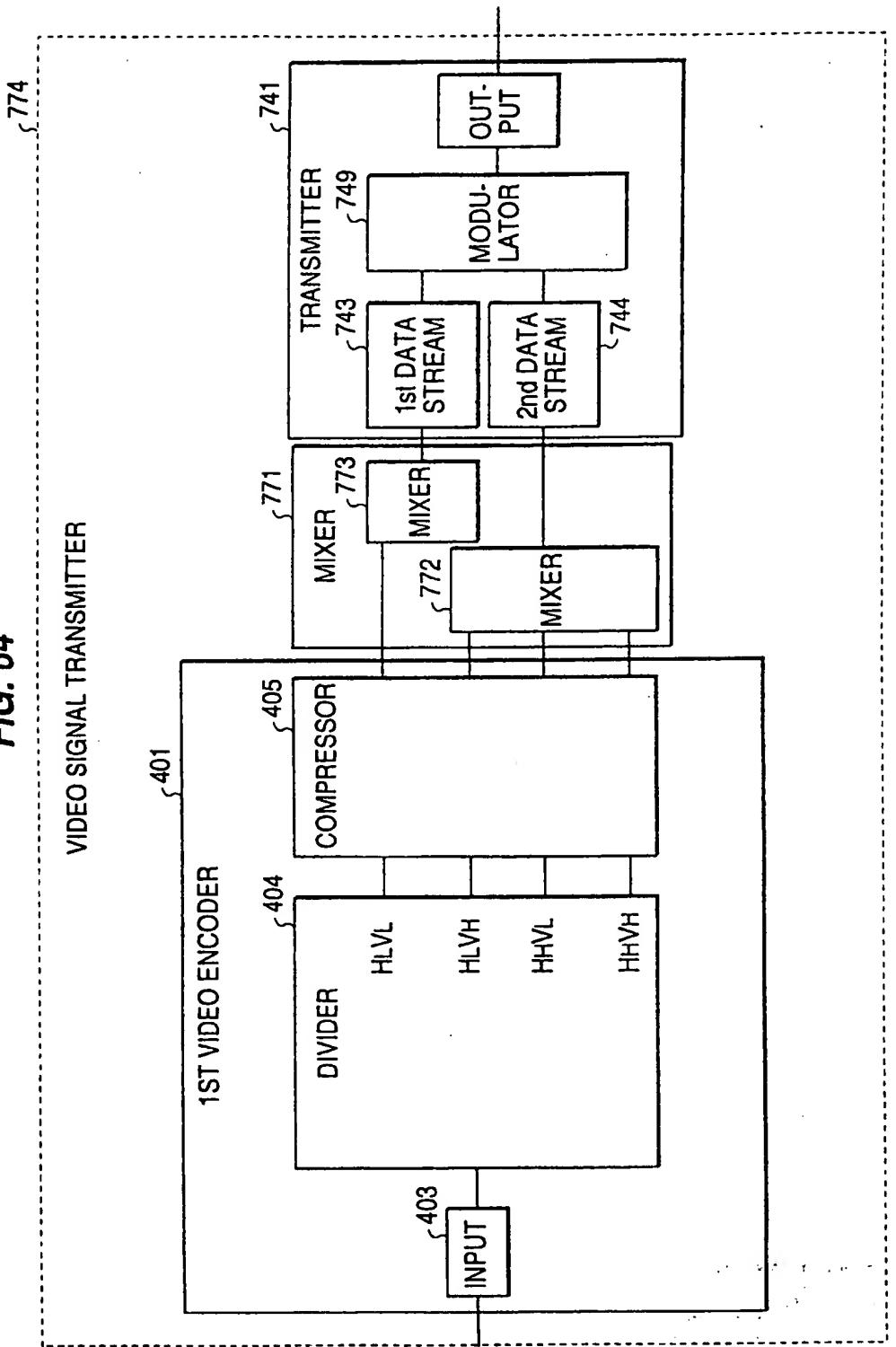


FIG. 65

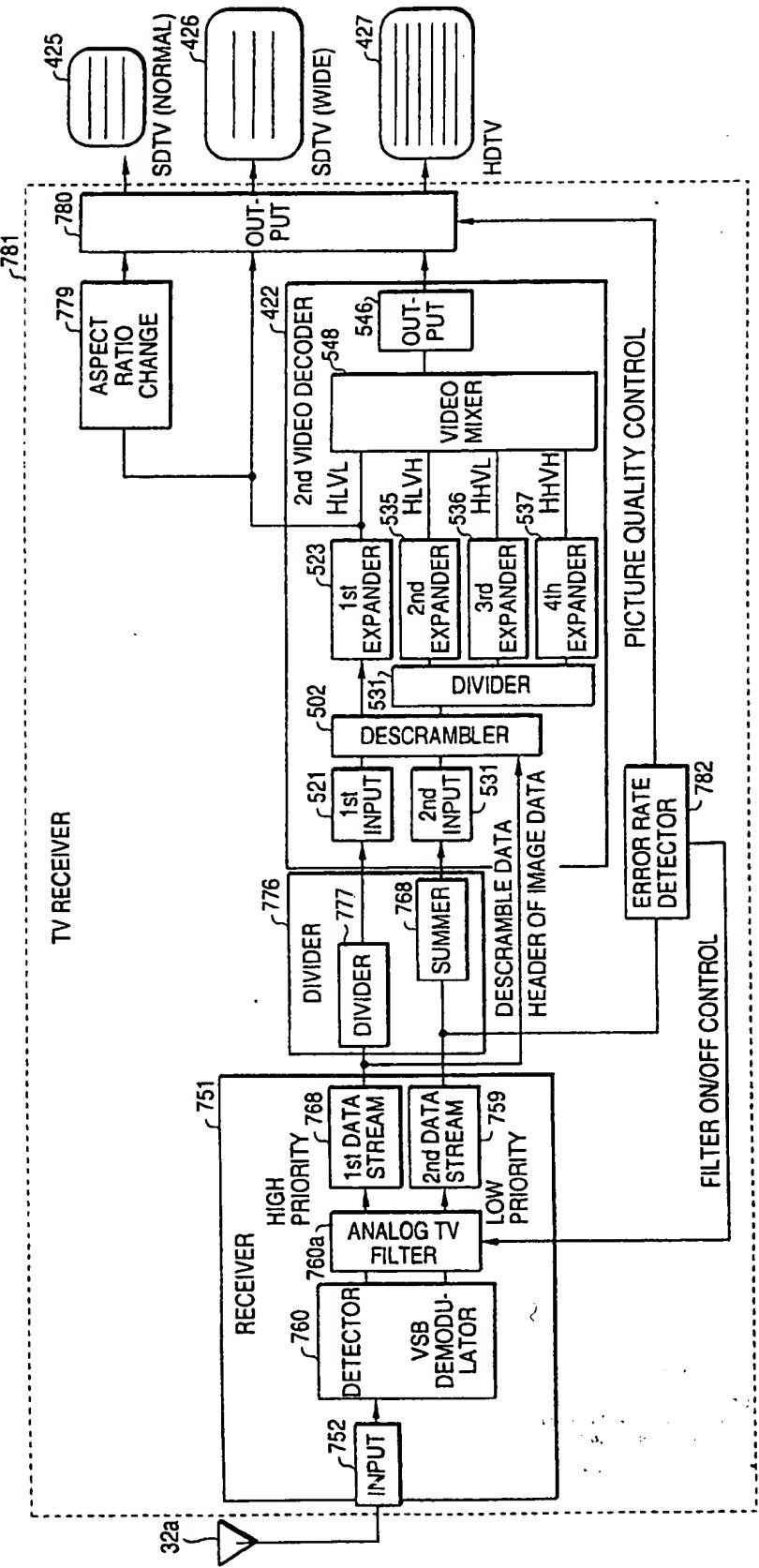


FIG. 66

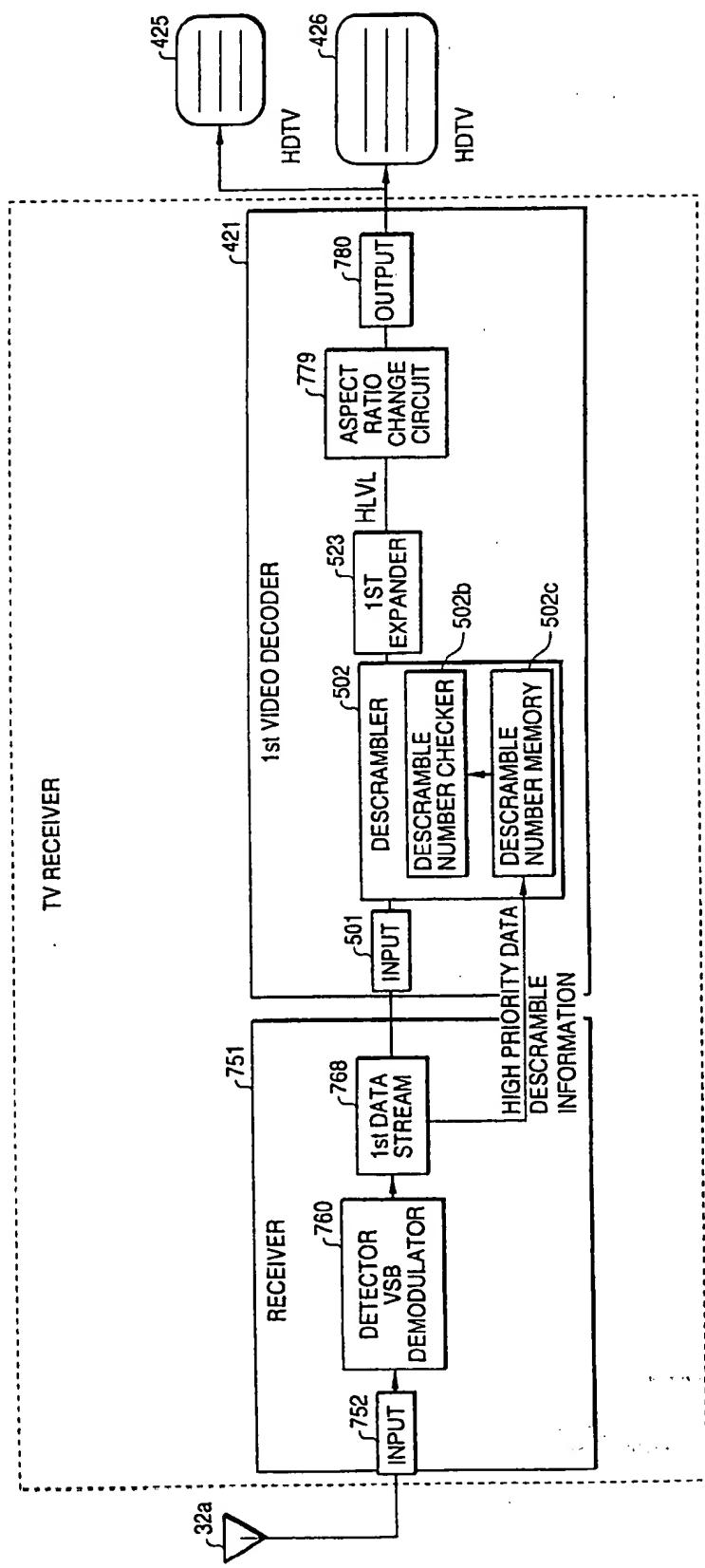


FIG. 67

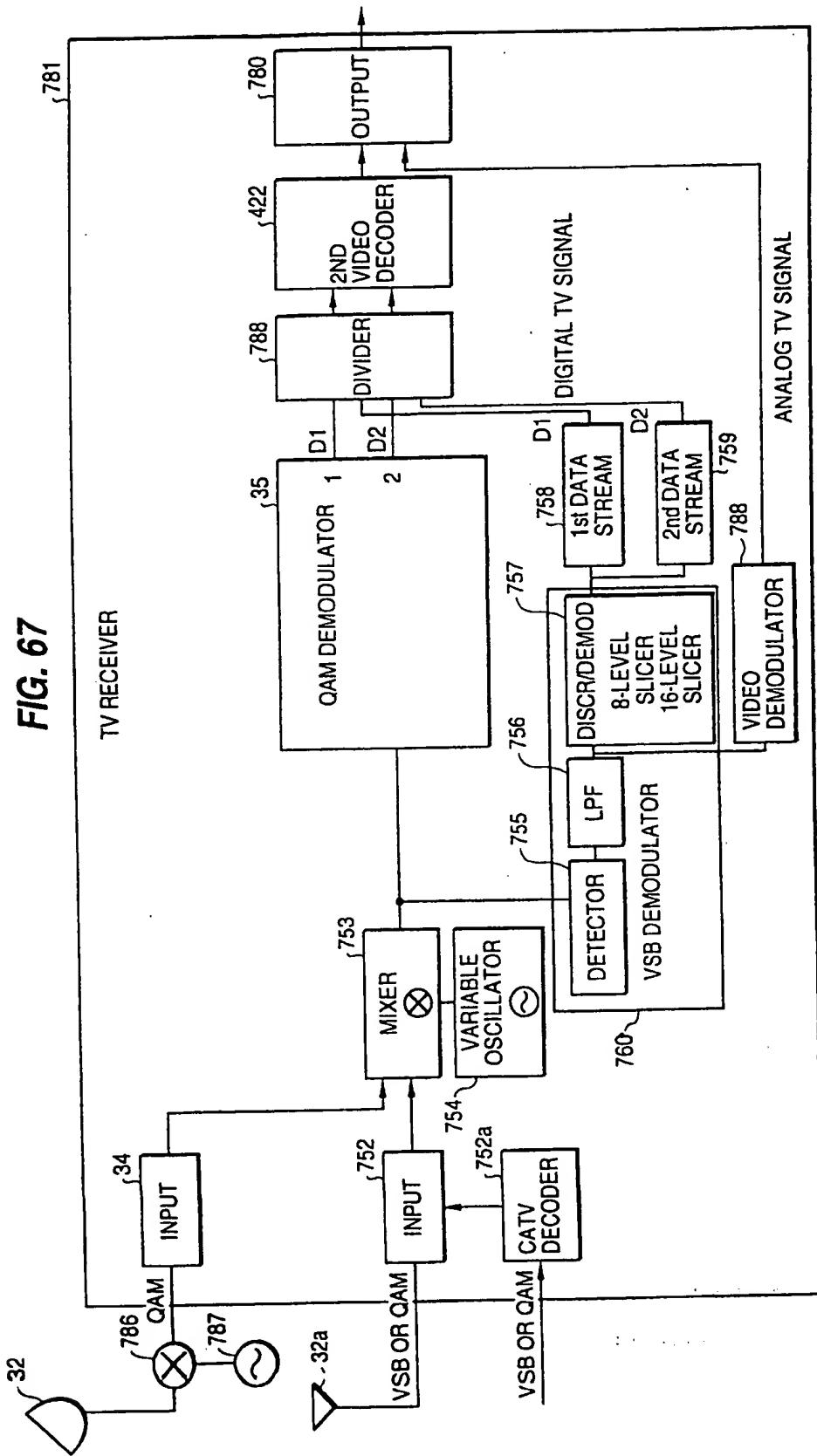


FIG. 68(c)

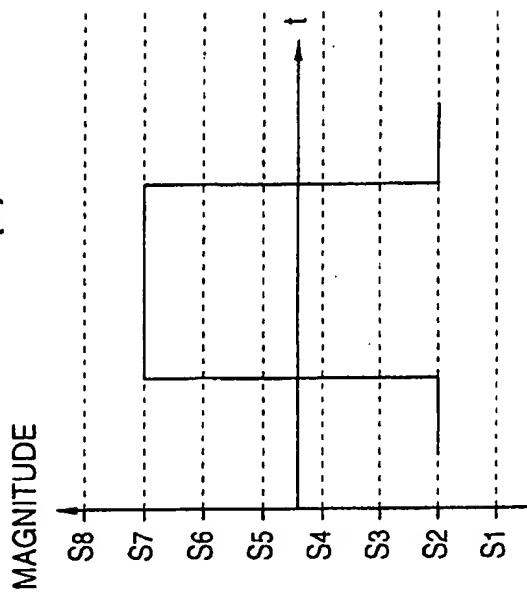


FIG. 68(a)

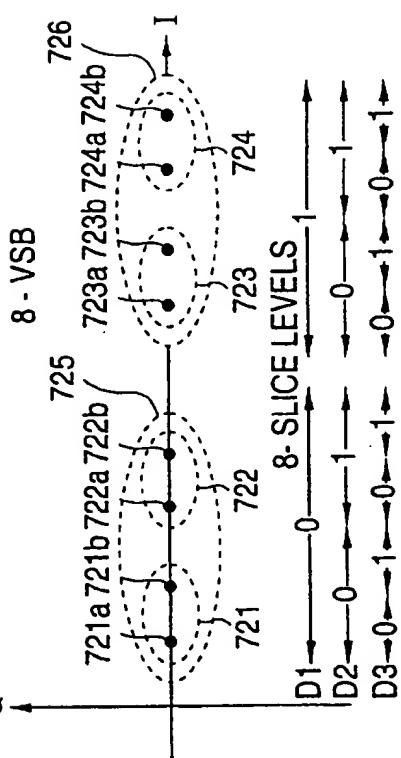


FIG. 68(b)

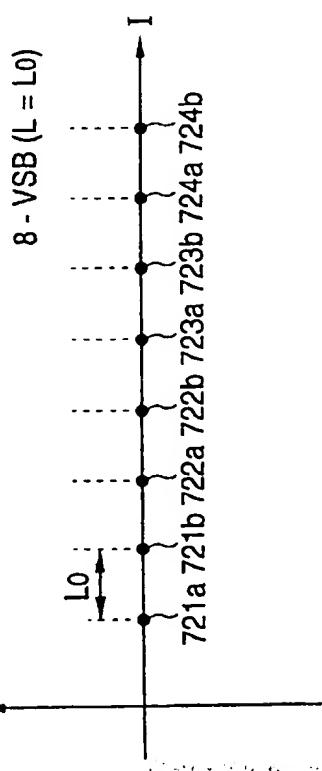


FIG. 69

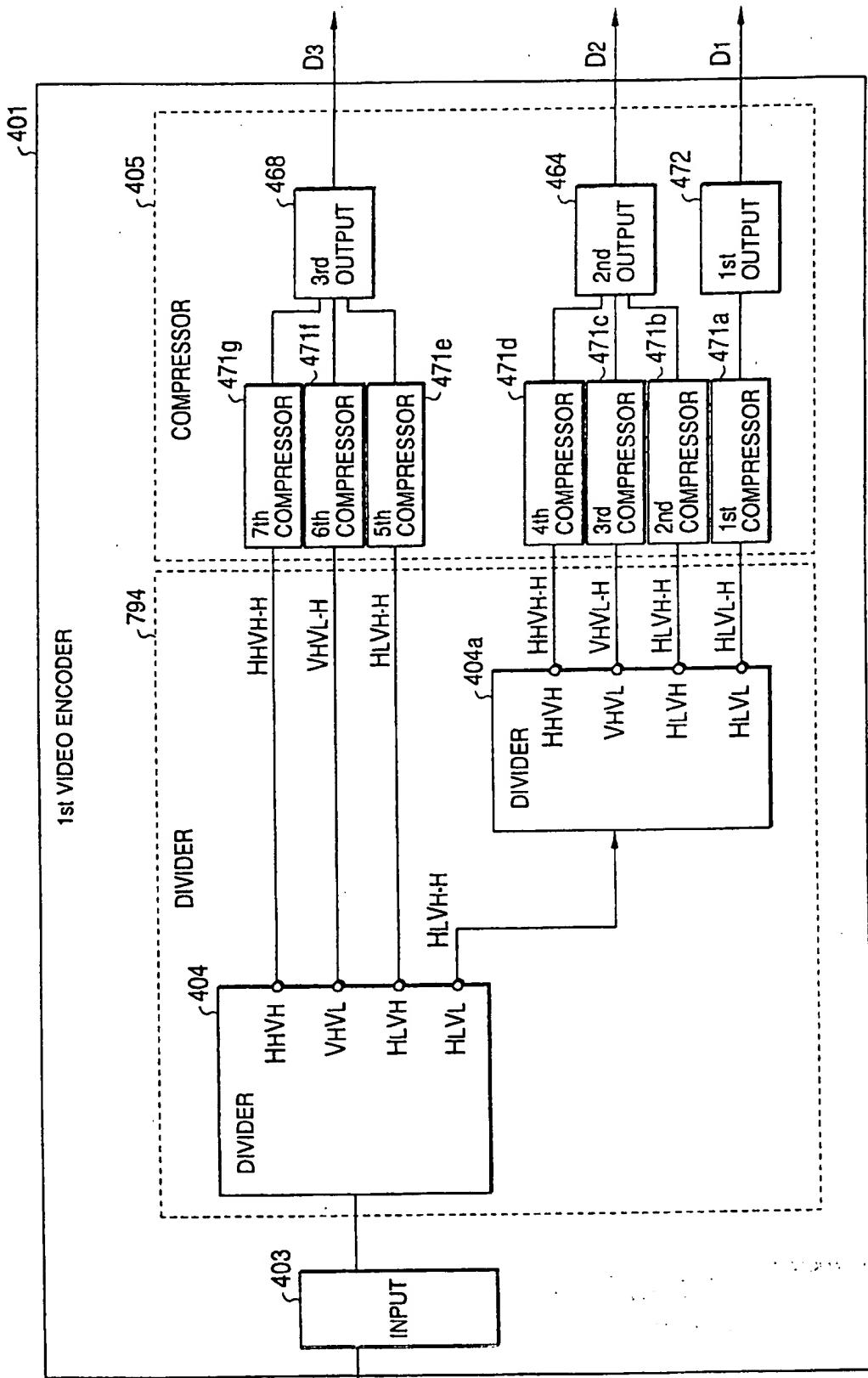


FIG. 70

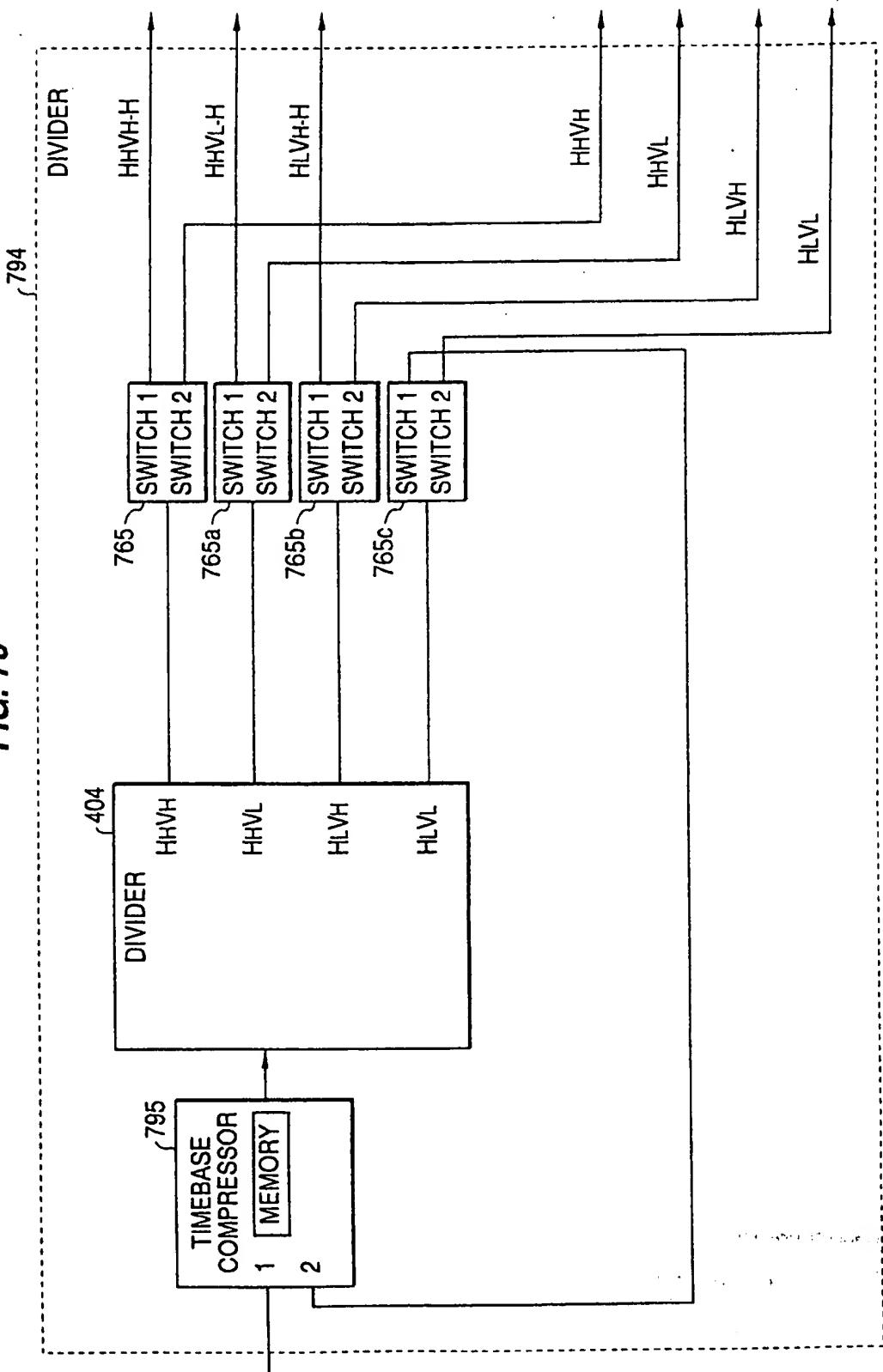


FIG. 71

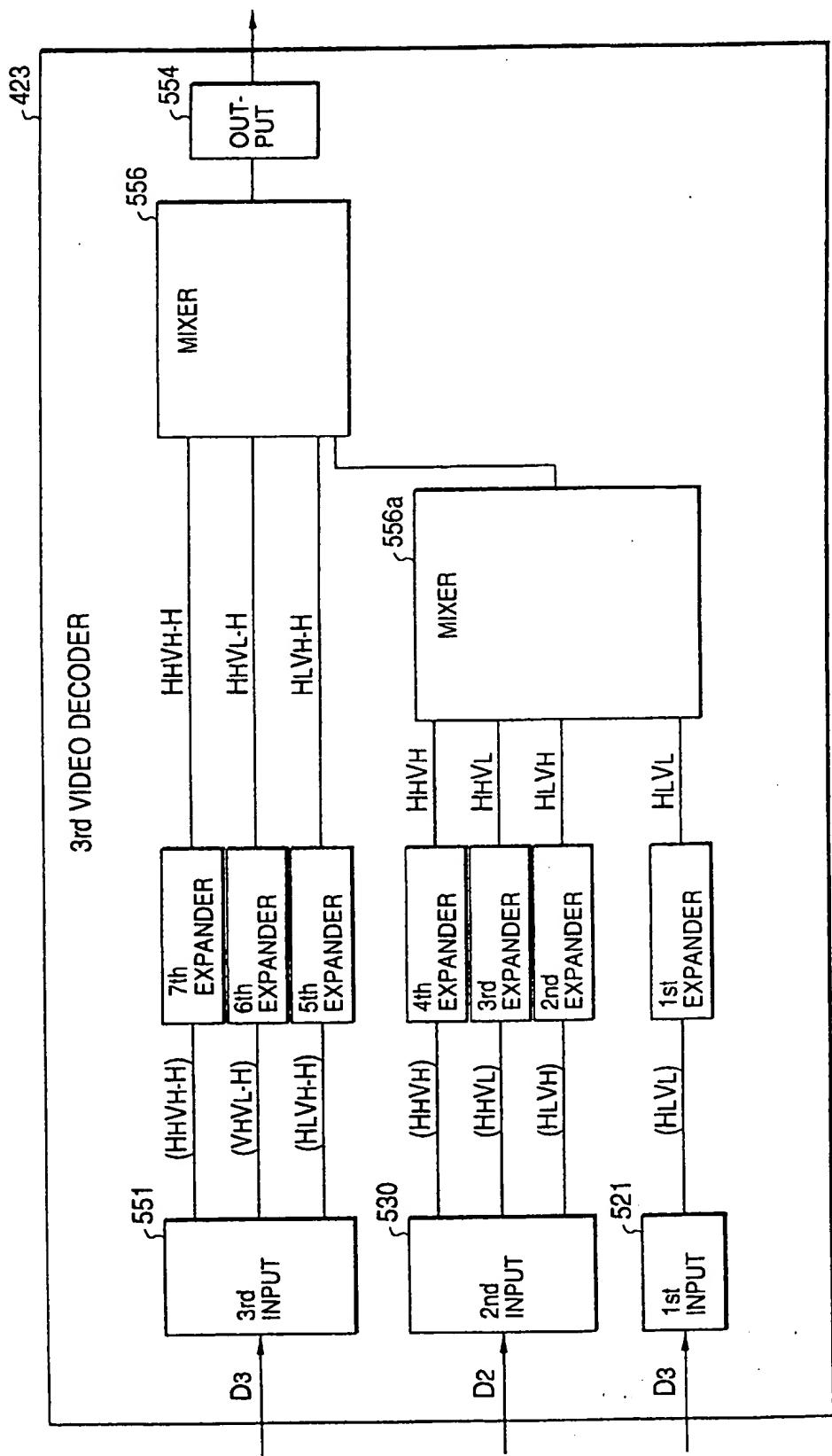


FIG. 72

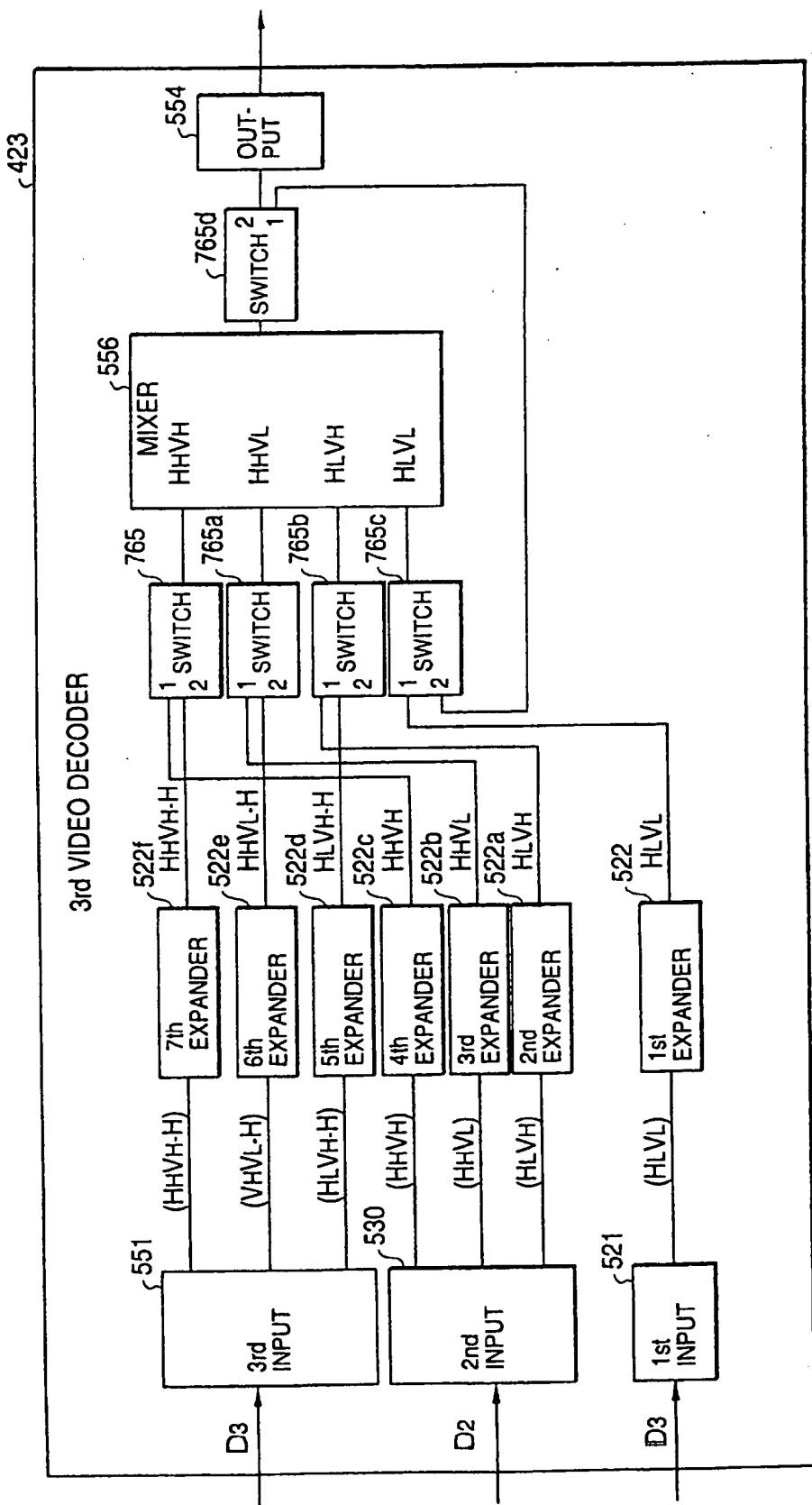


FIG. 73

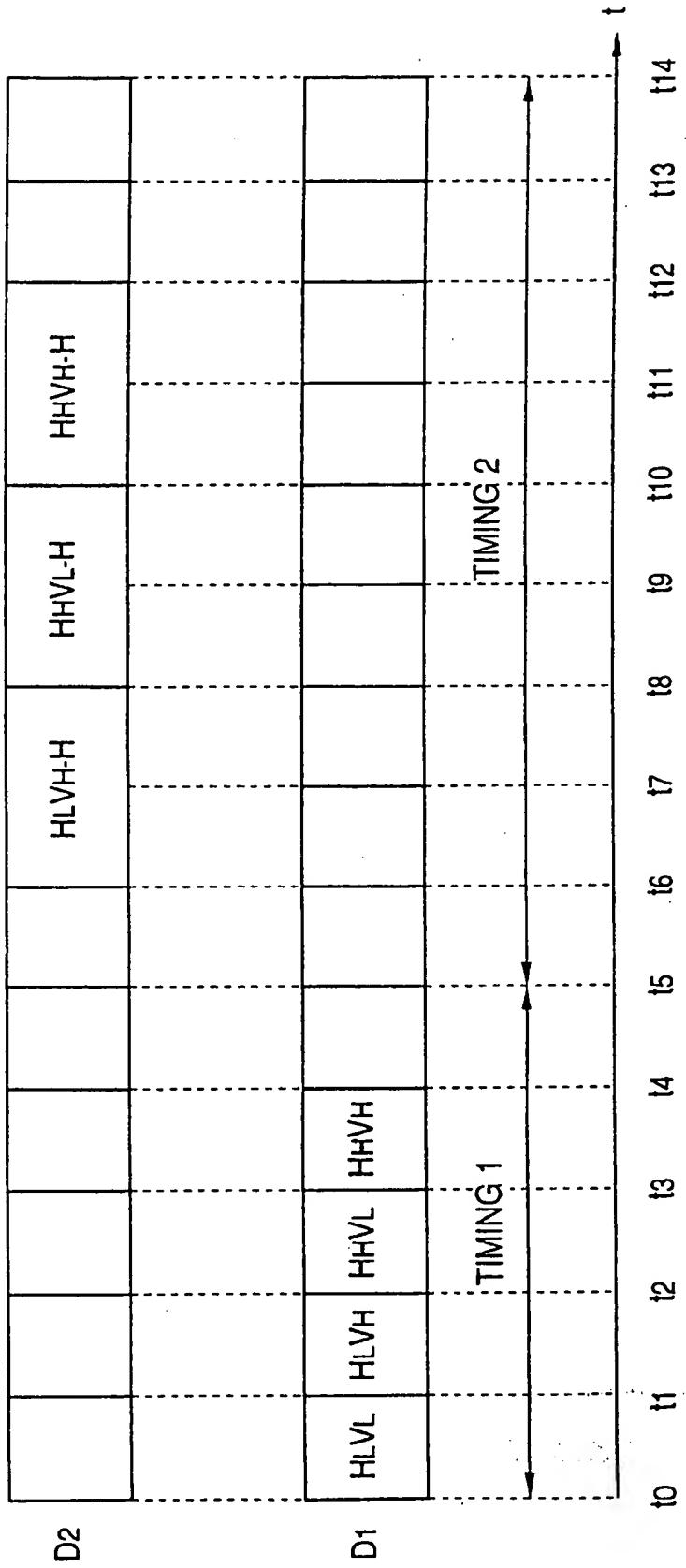


FIG. 74(a)

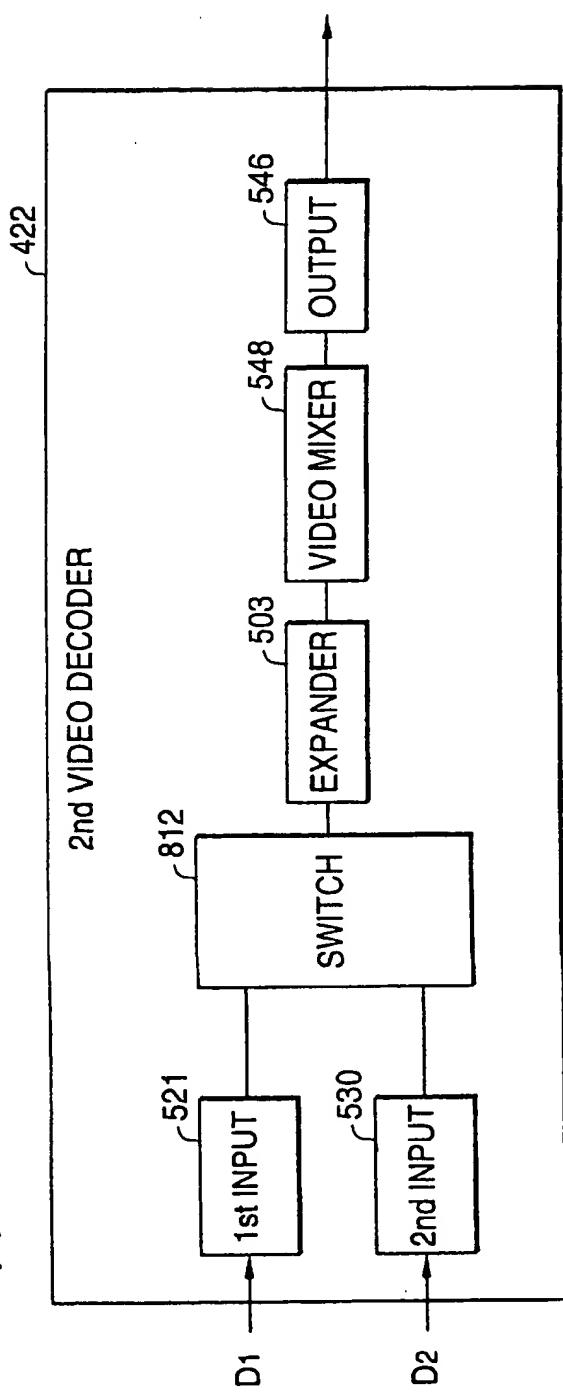


FIG. 74(b)

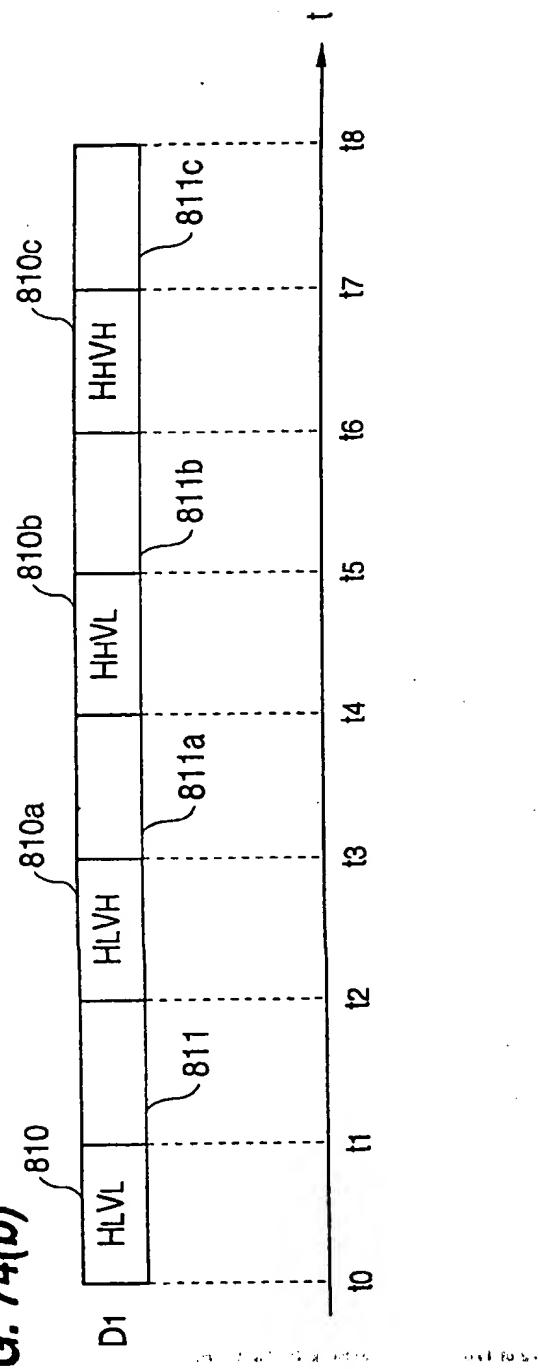


FIG. 75

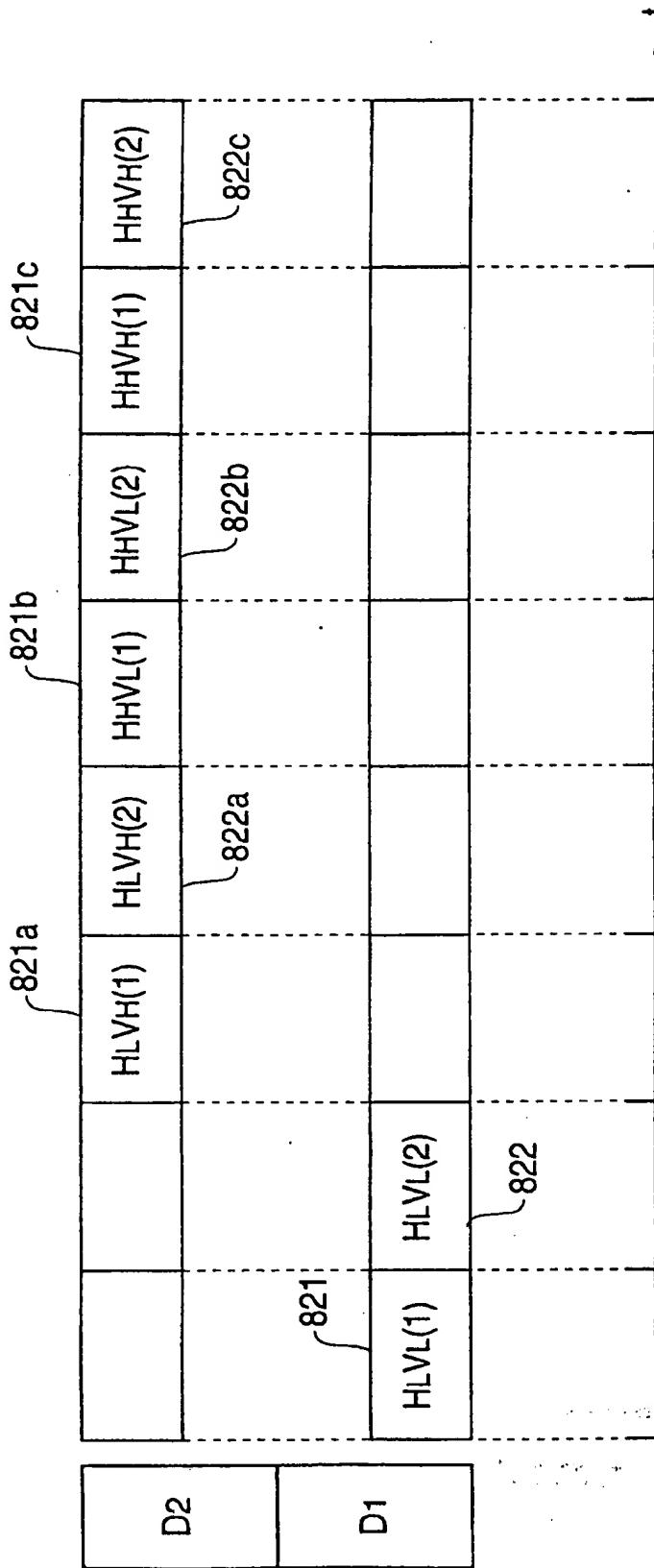


FIG. 76

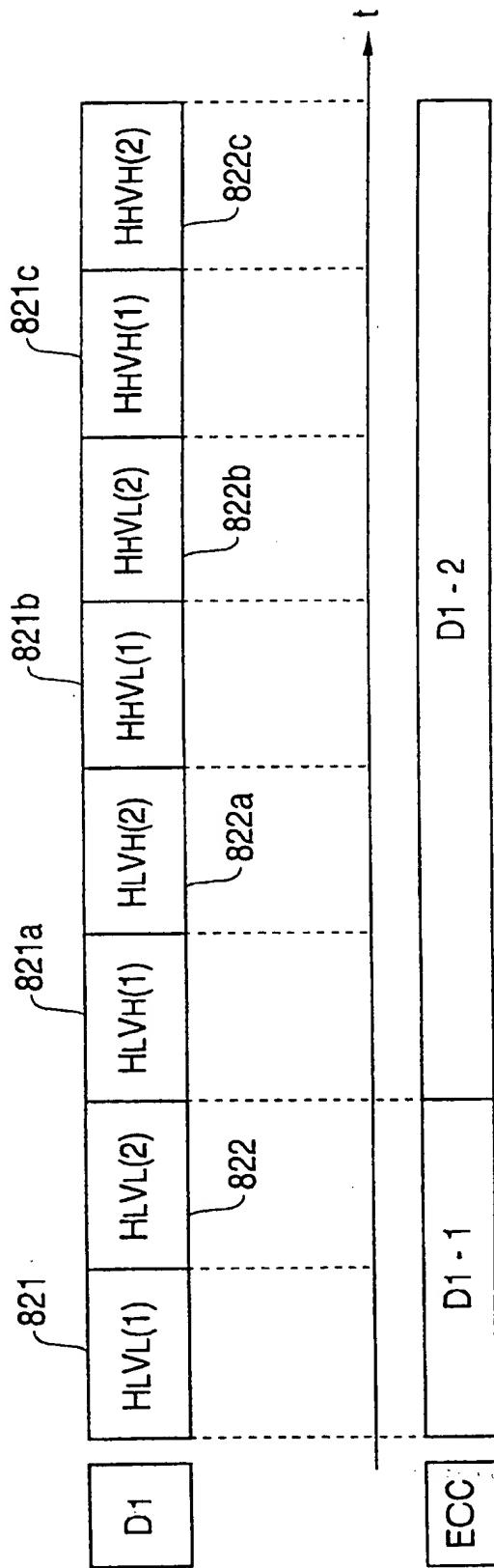


FIG. 77

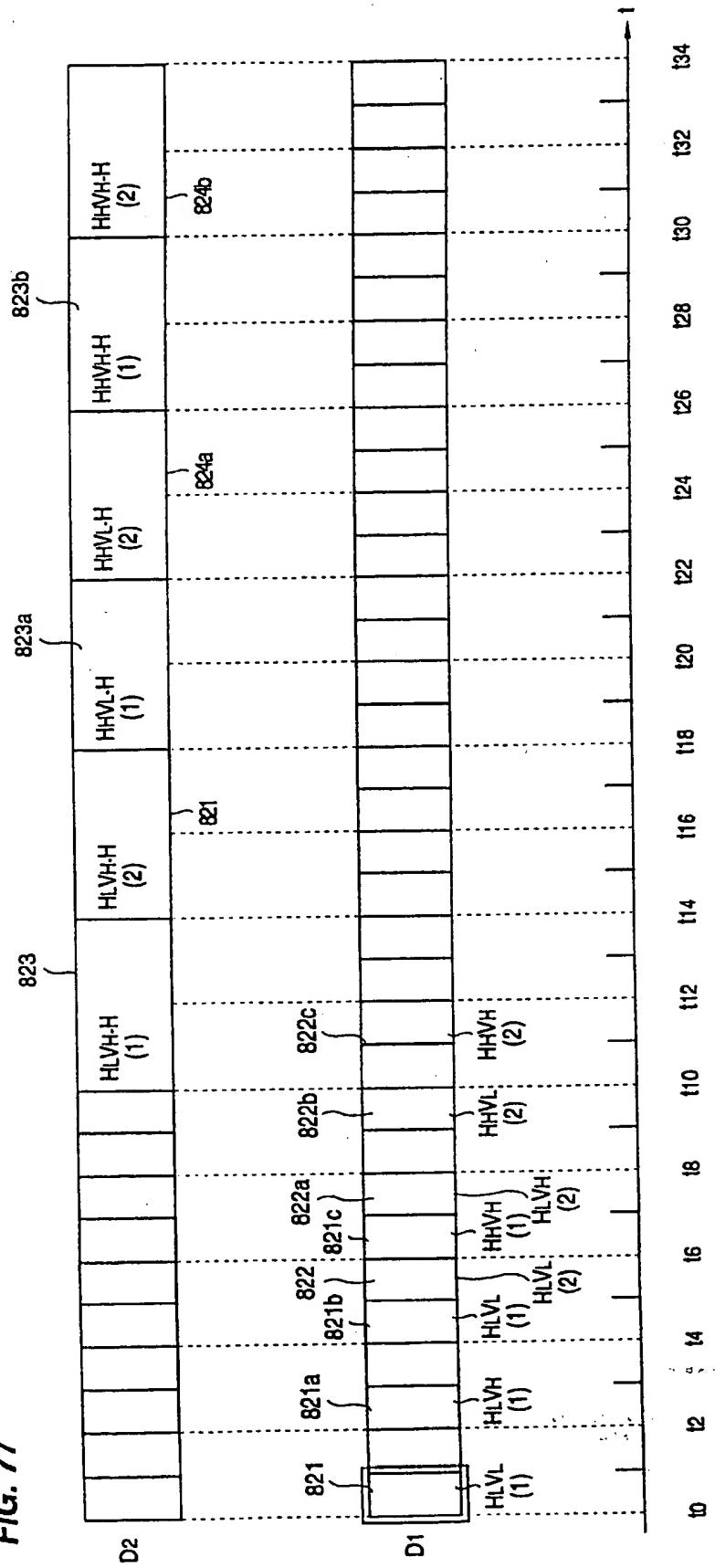


FIG. 78

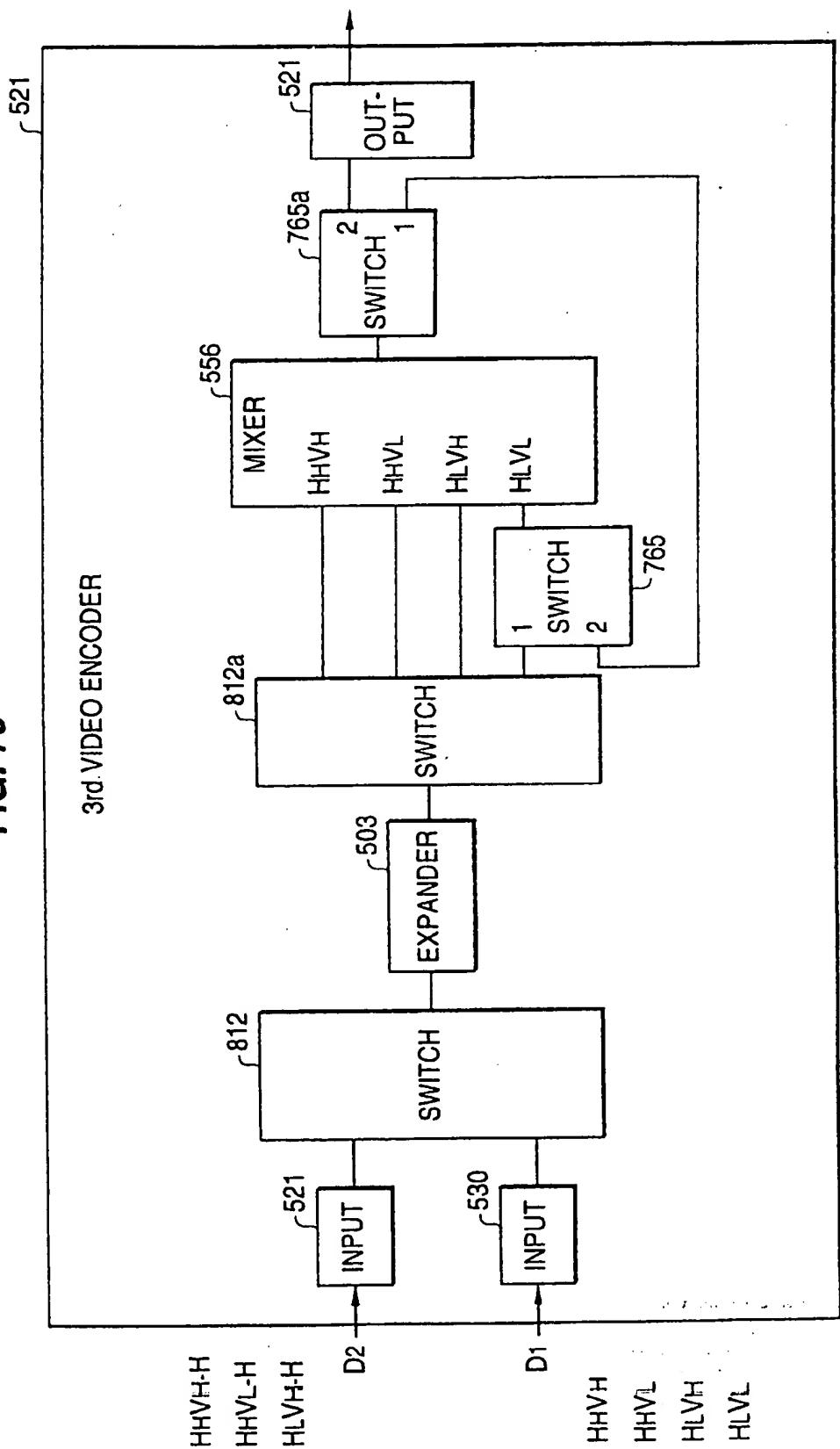


FIG. 79

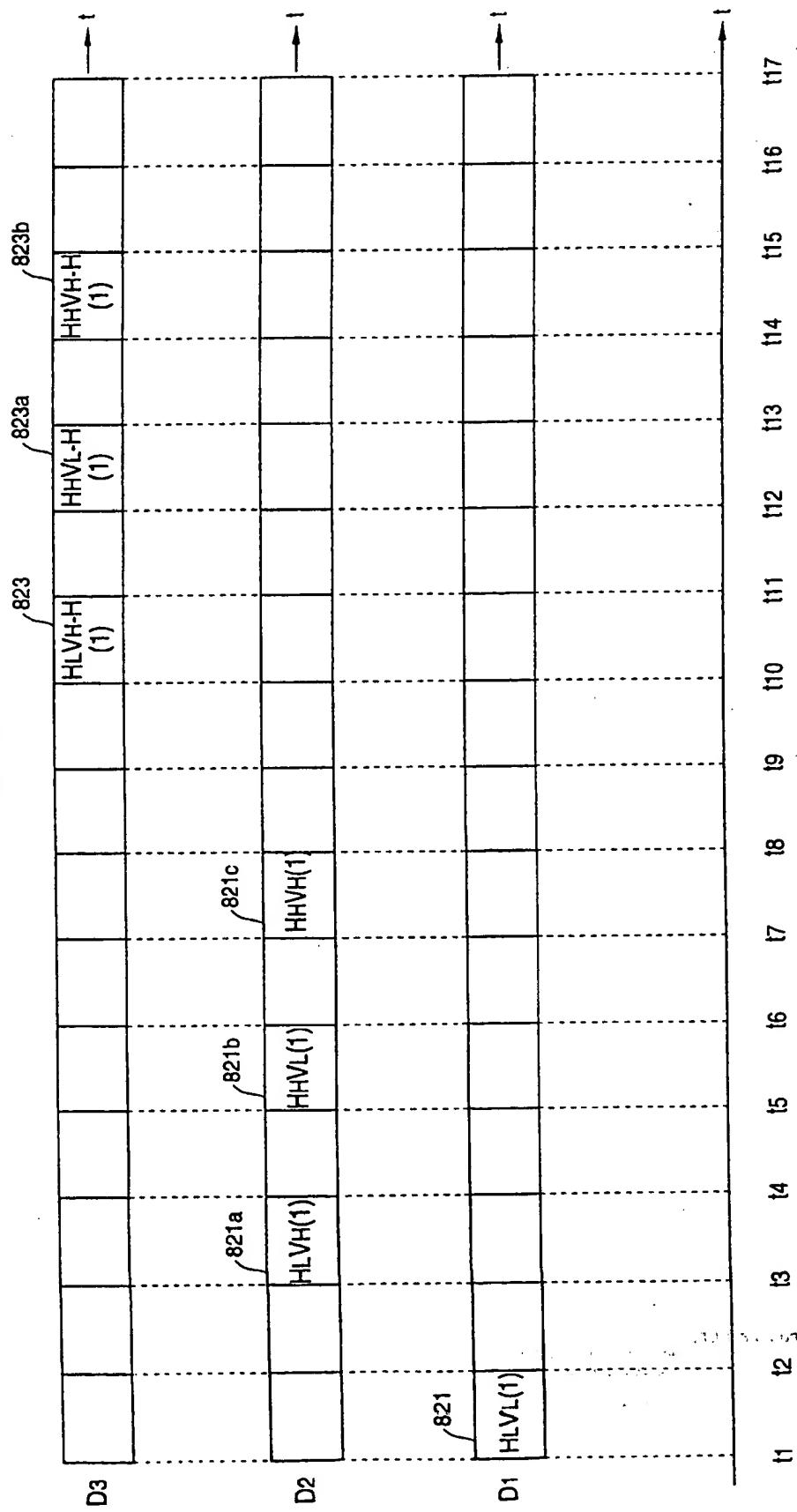


FIG. 80

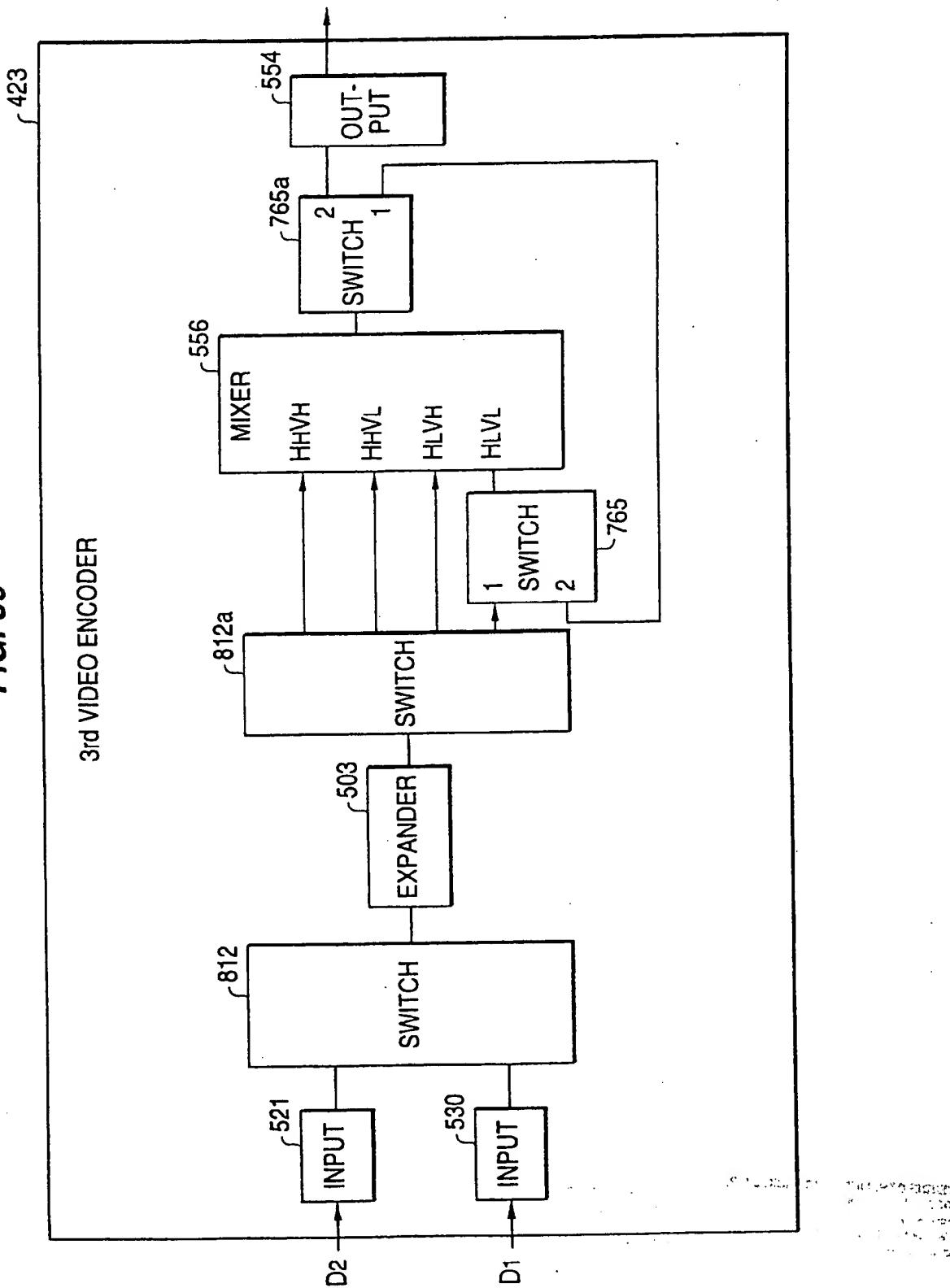


FIG. 81

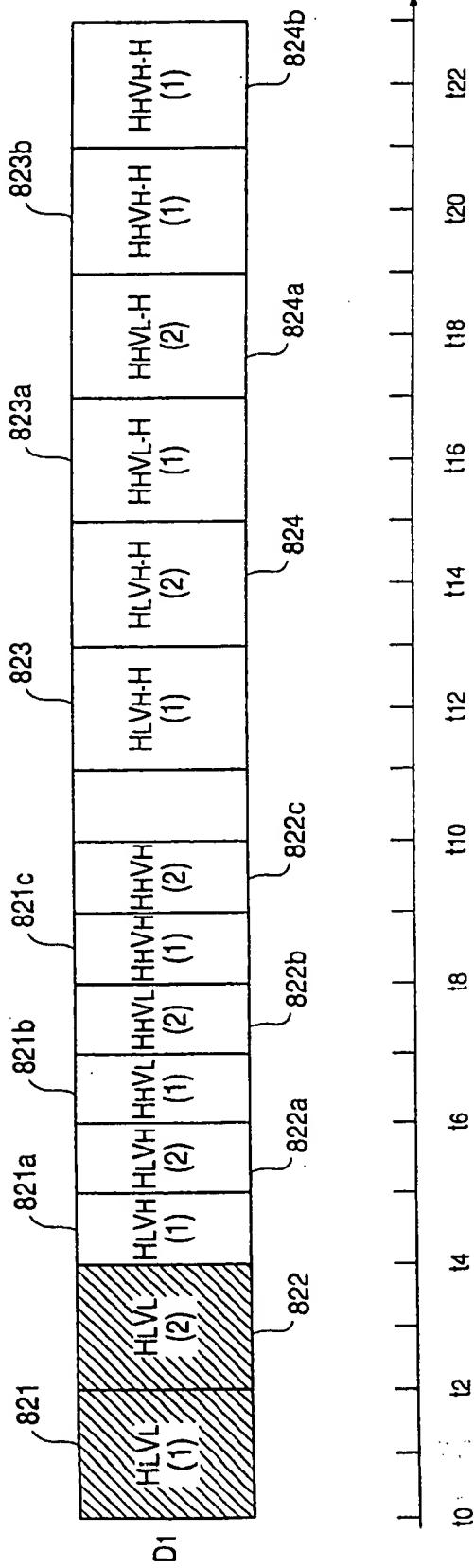


FIG. 82

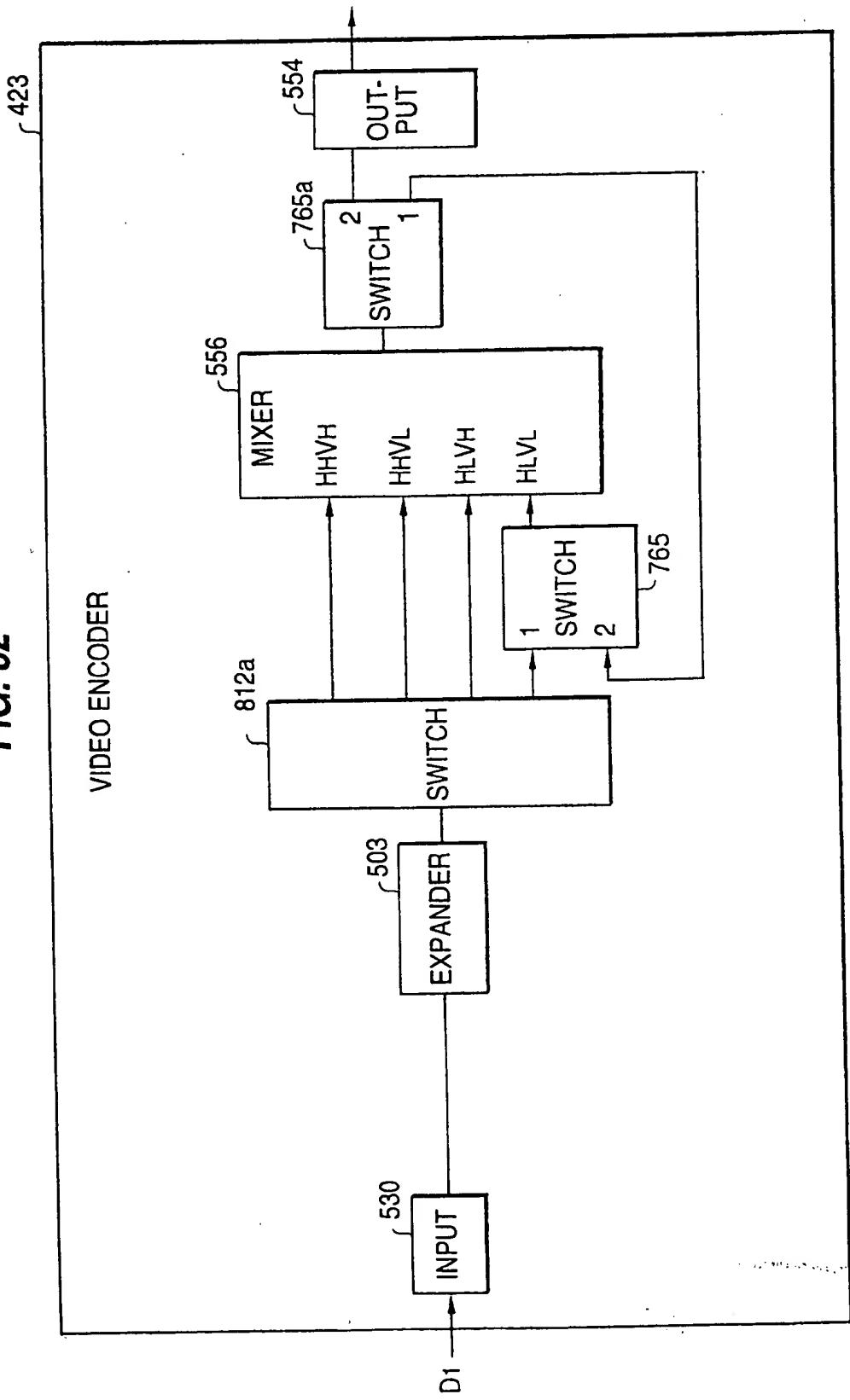


FIG. 83

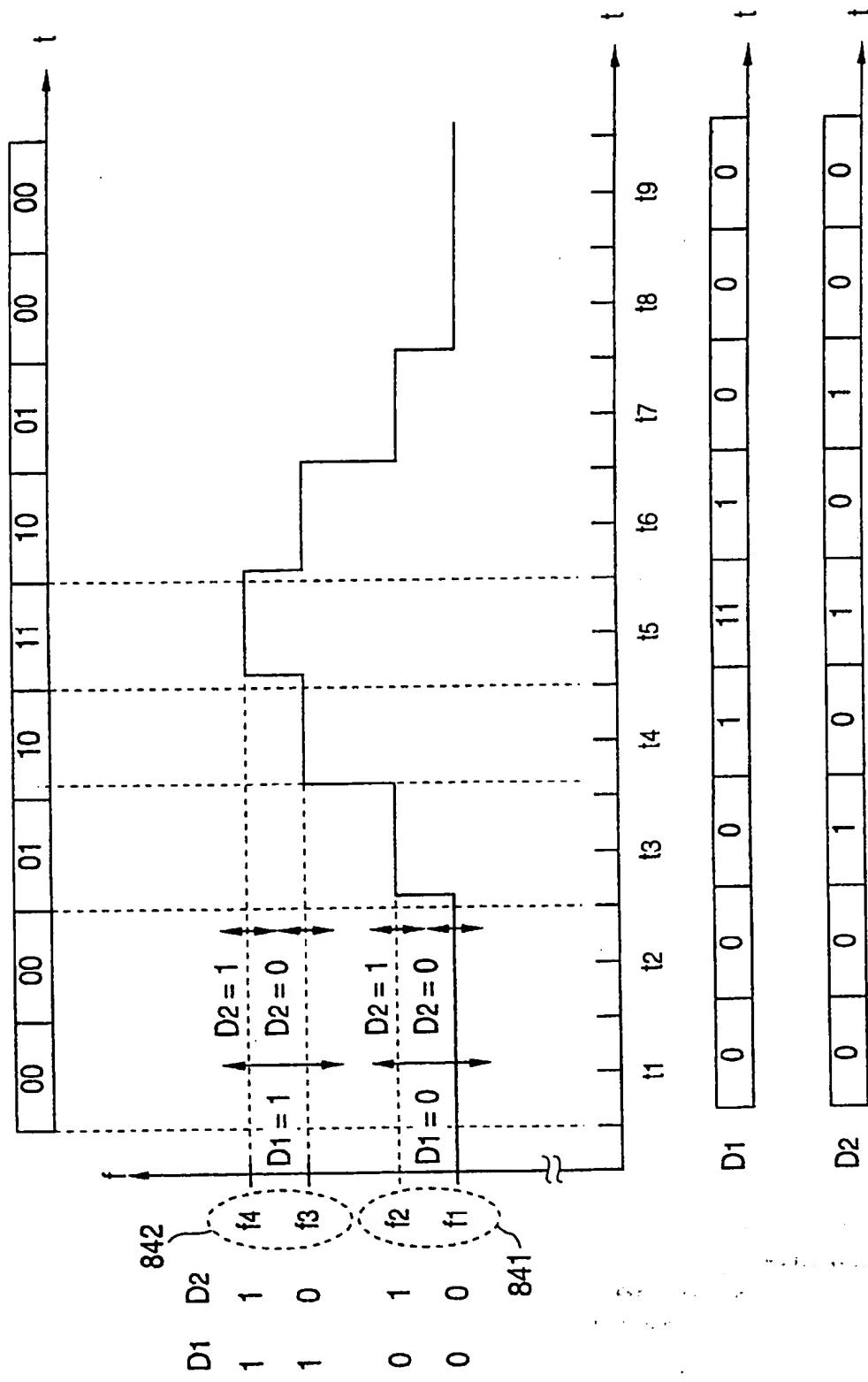


FIG. 84

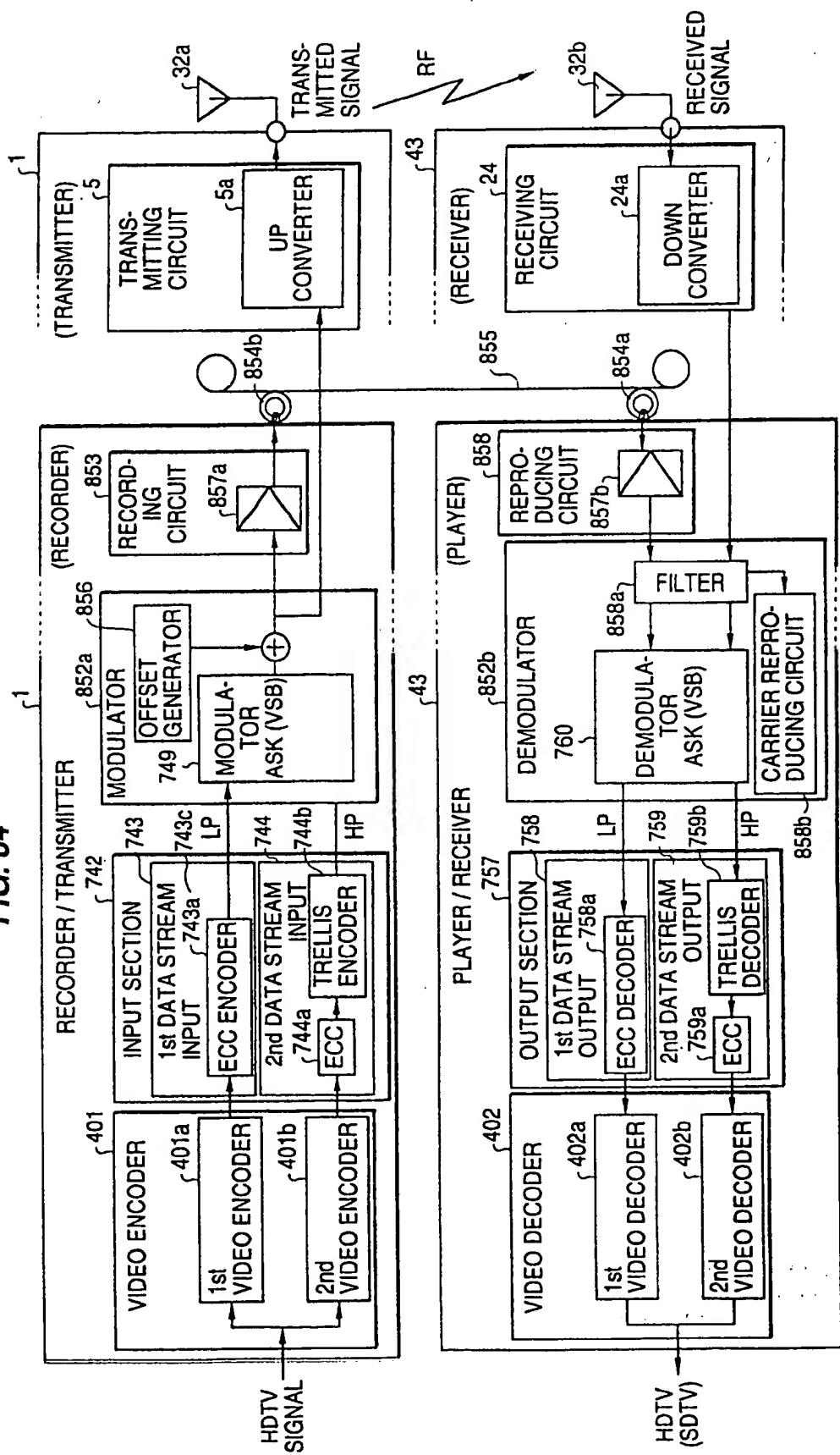


FIG. 85

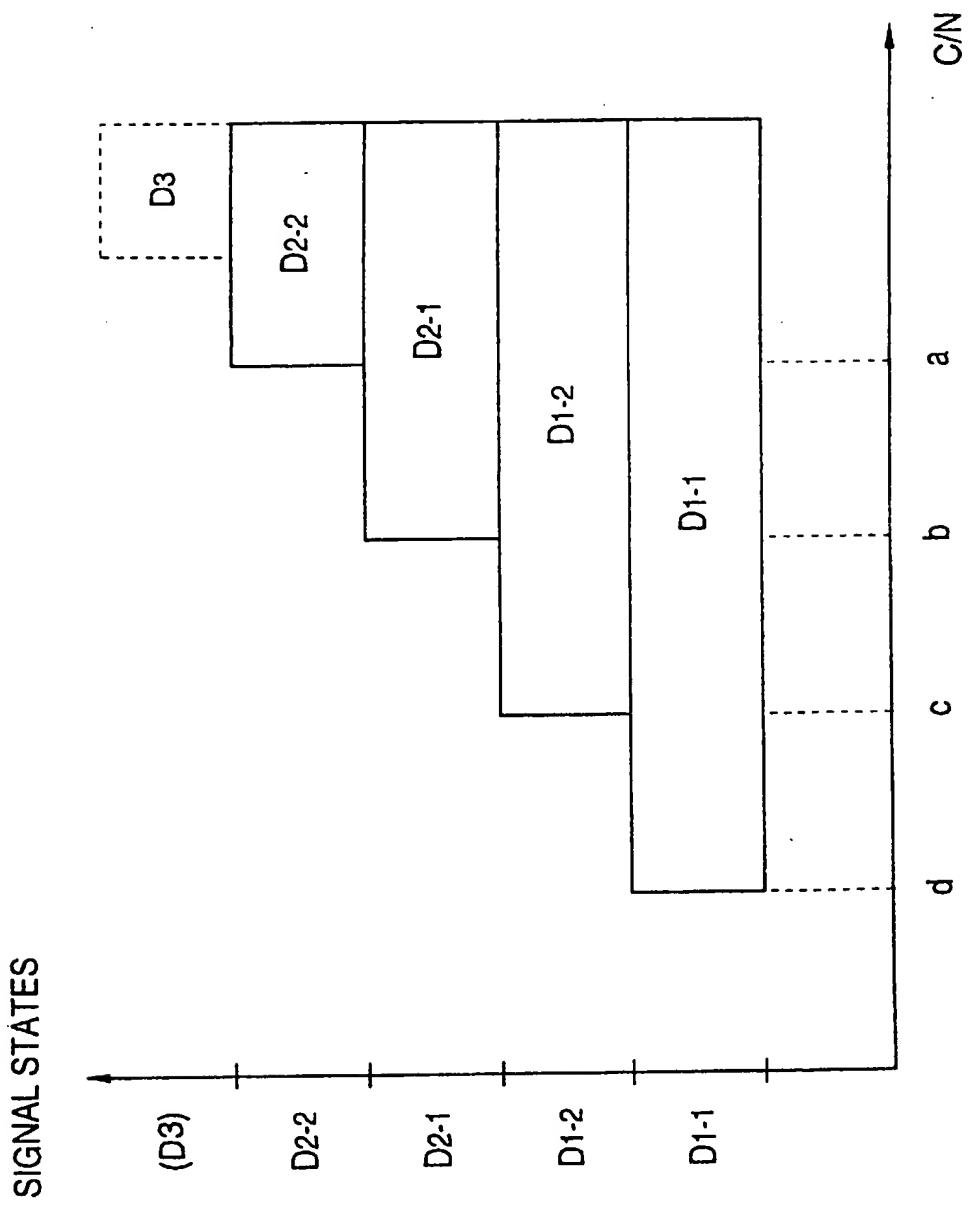


FIG. 86

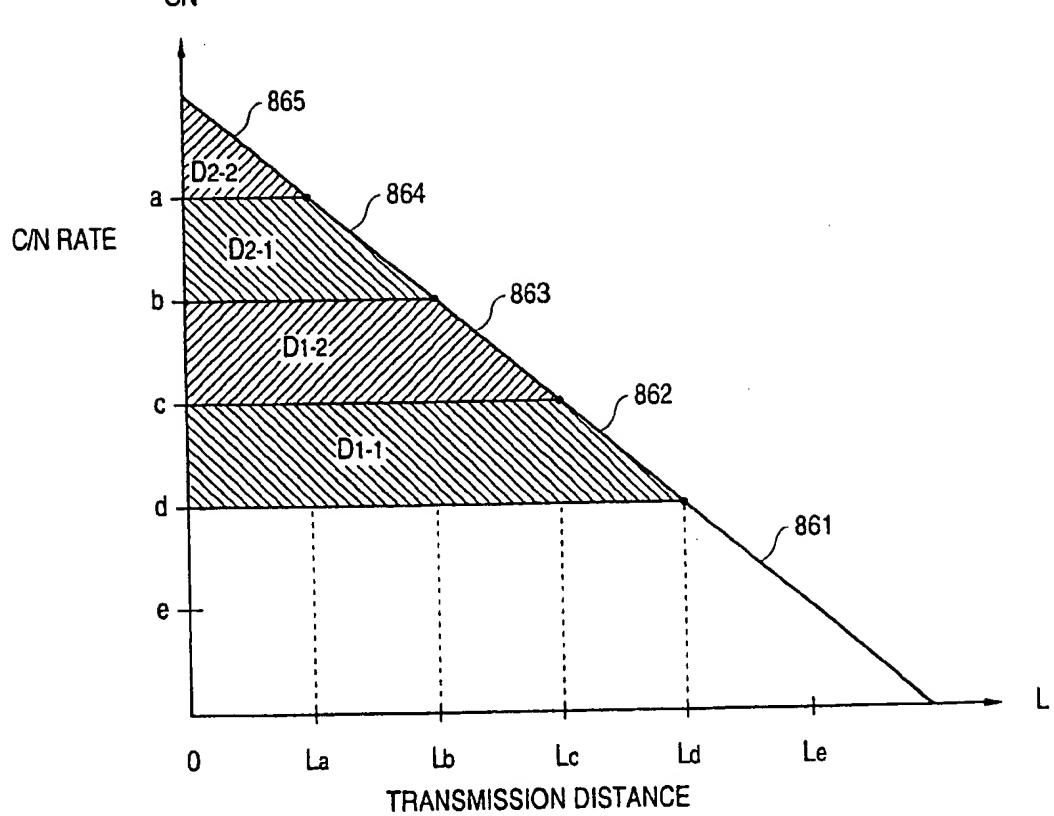


FIG. 87

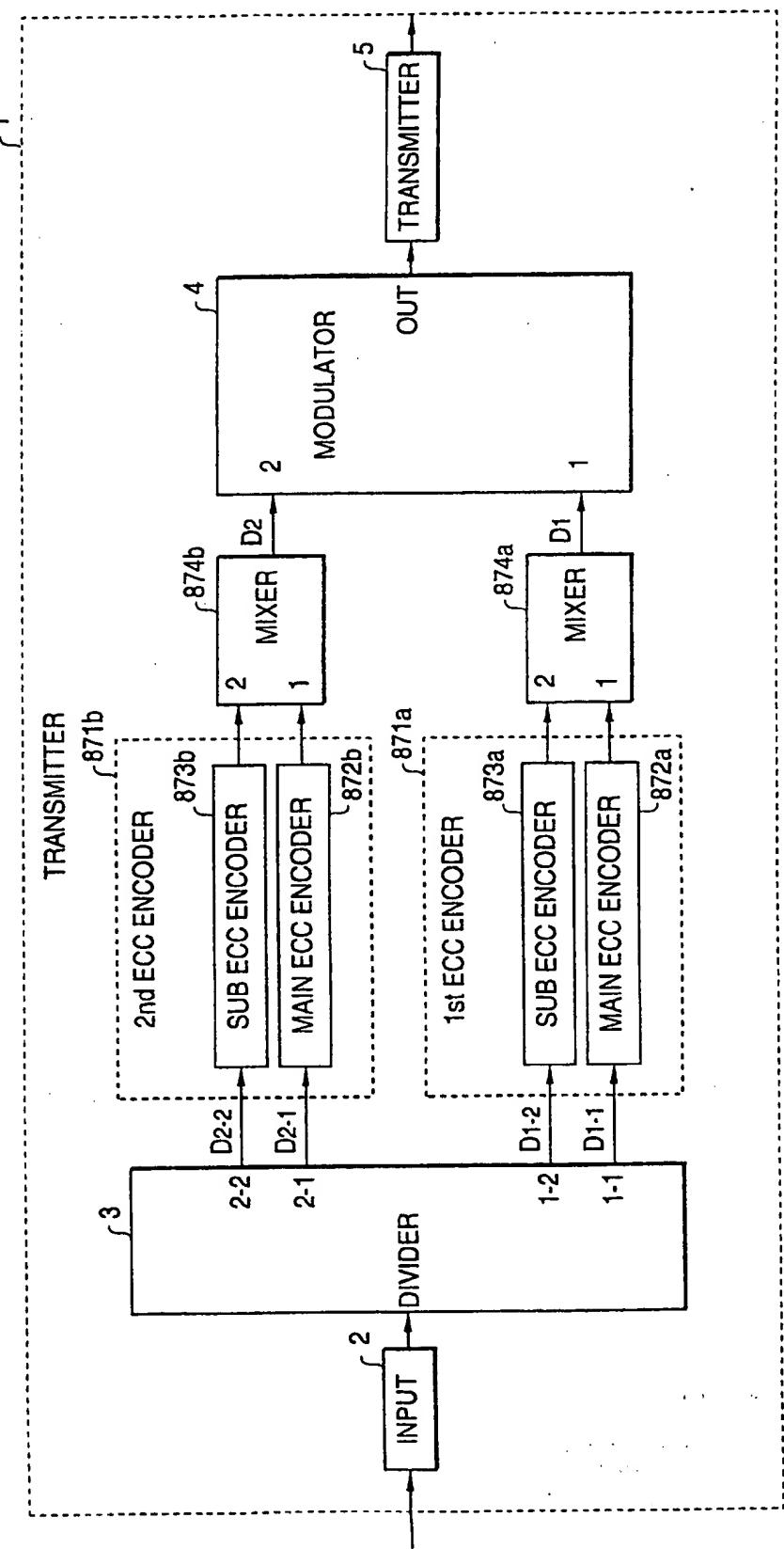


FIG. 88

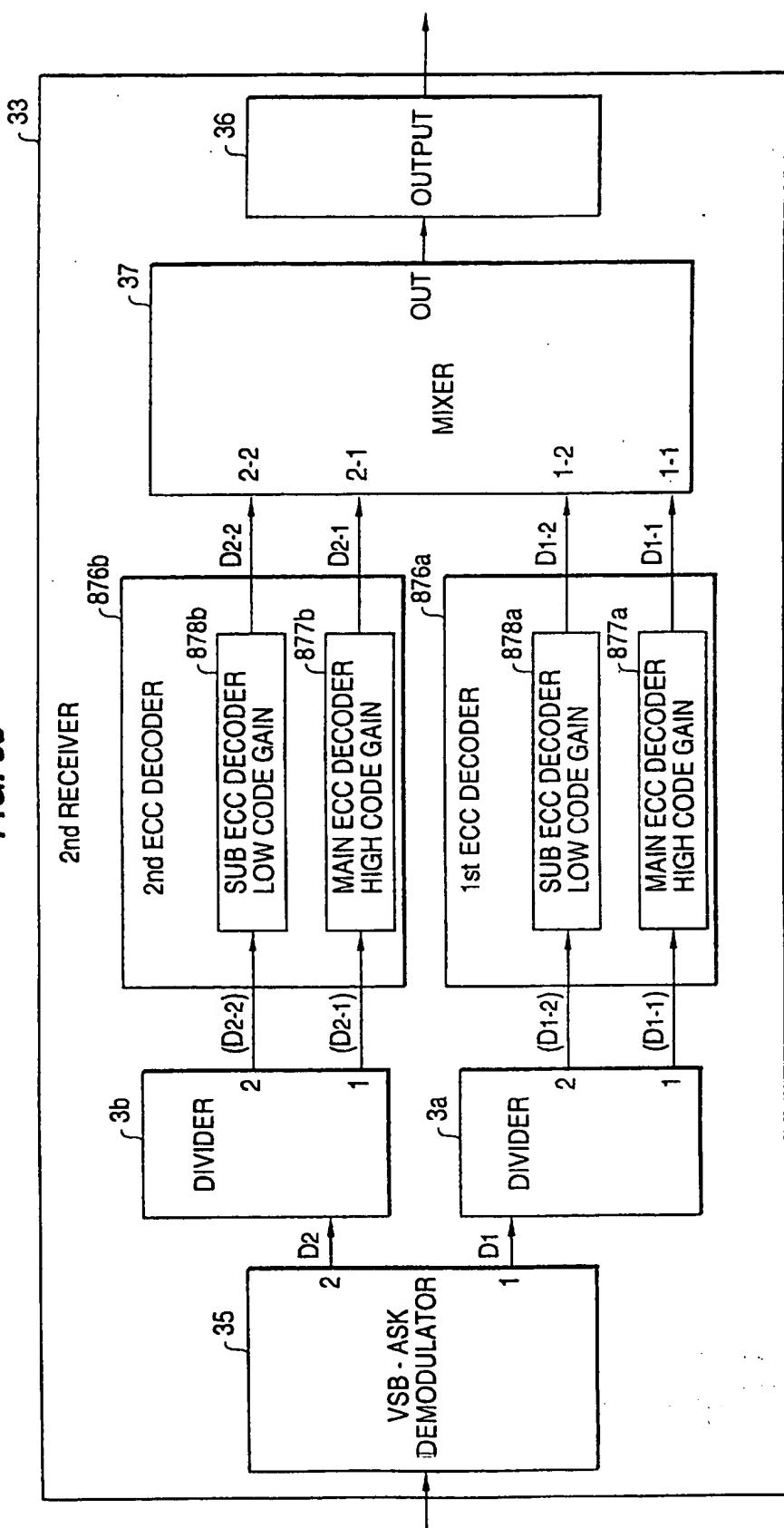


FIG. 89

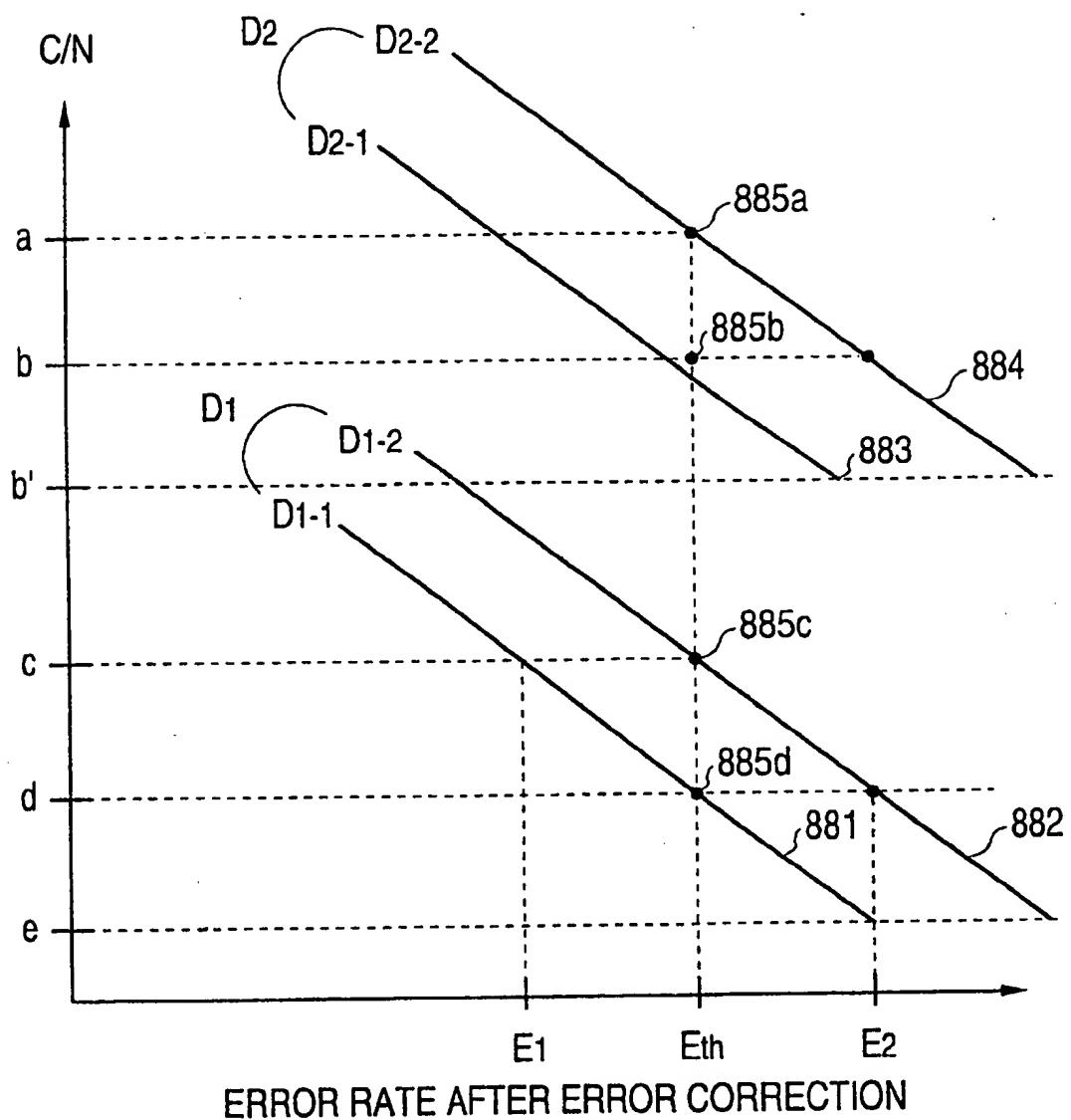


FIG. 90

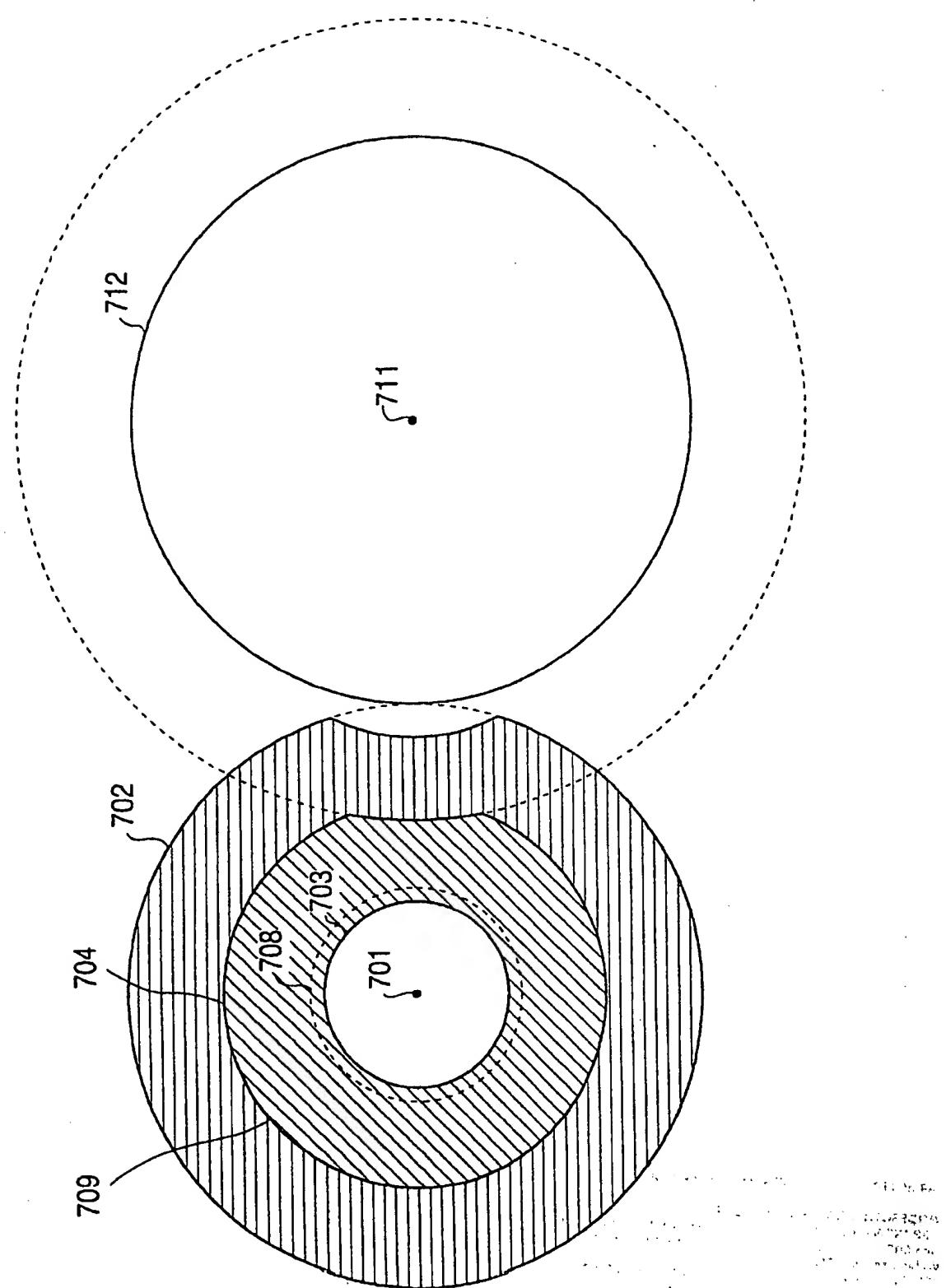


FIG. 91

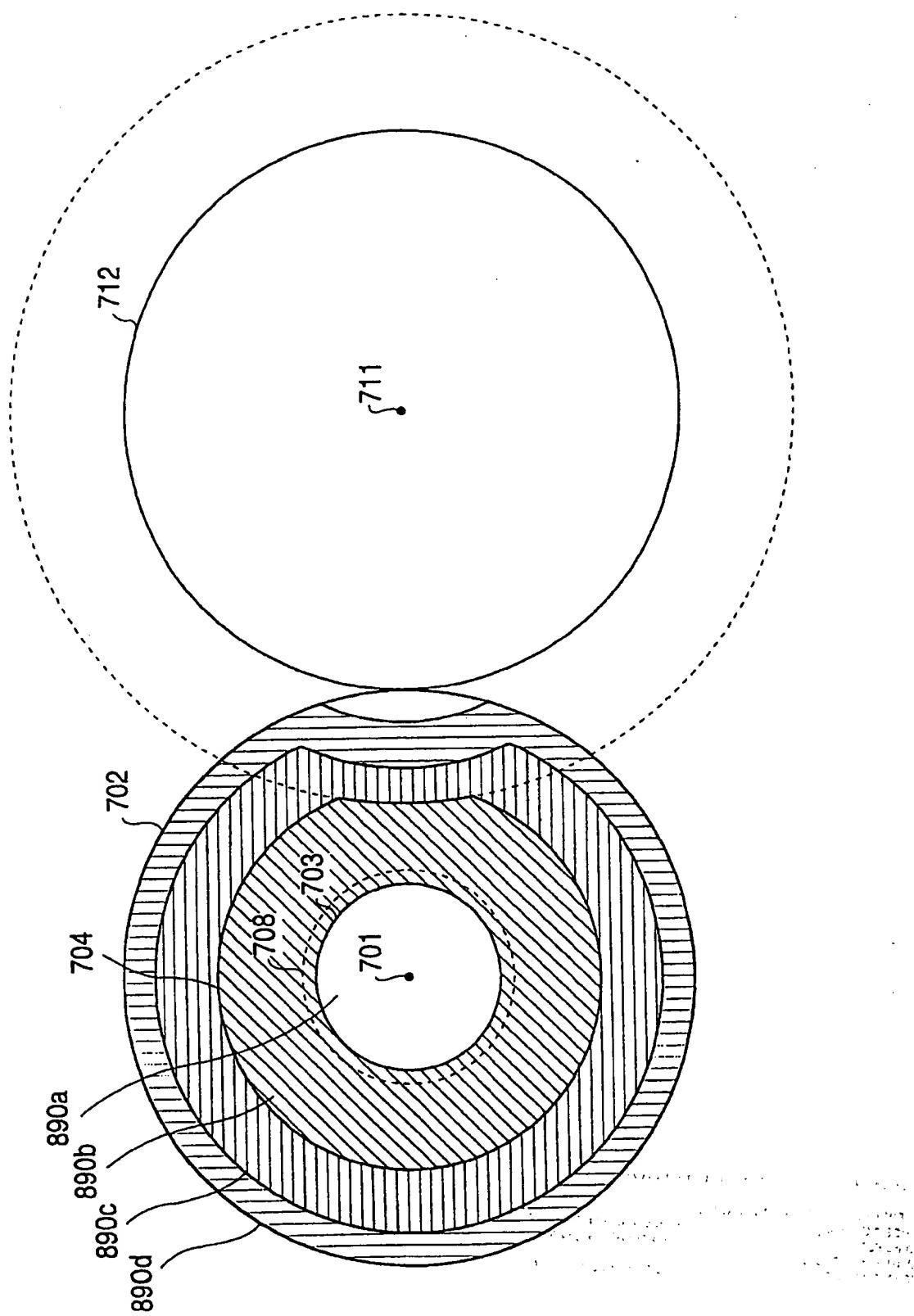


FIG. 92

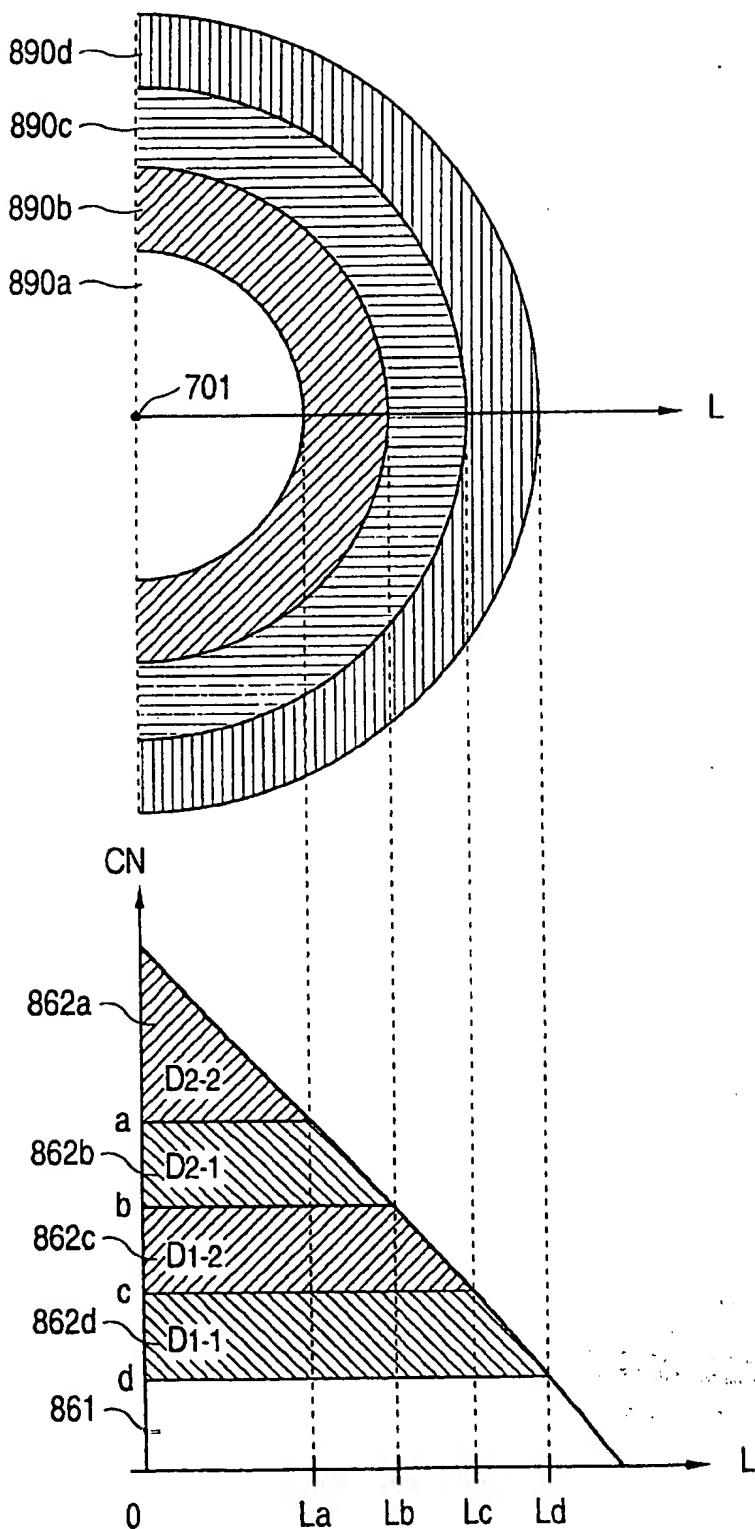


FIG. 93

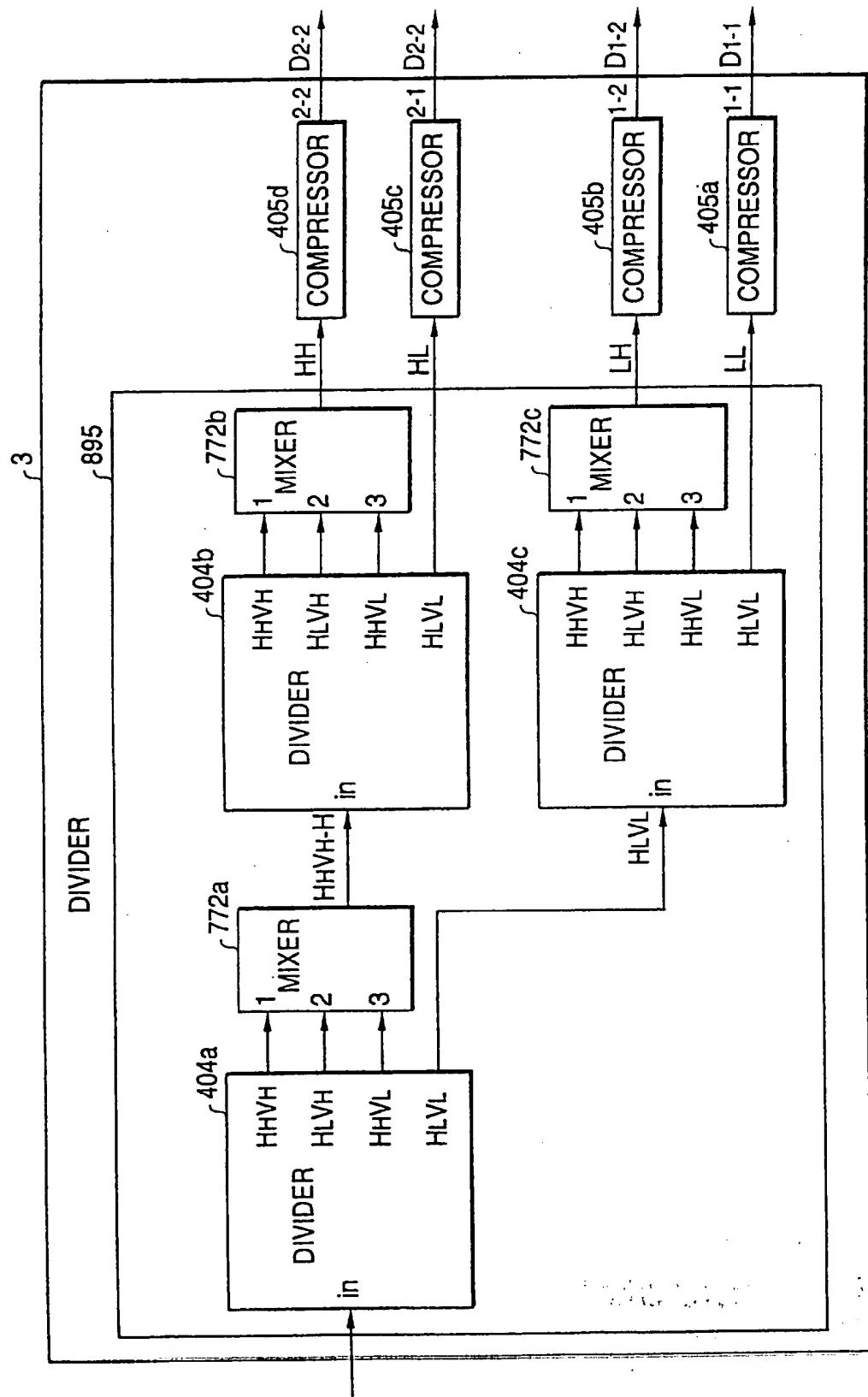


FIG. 94

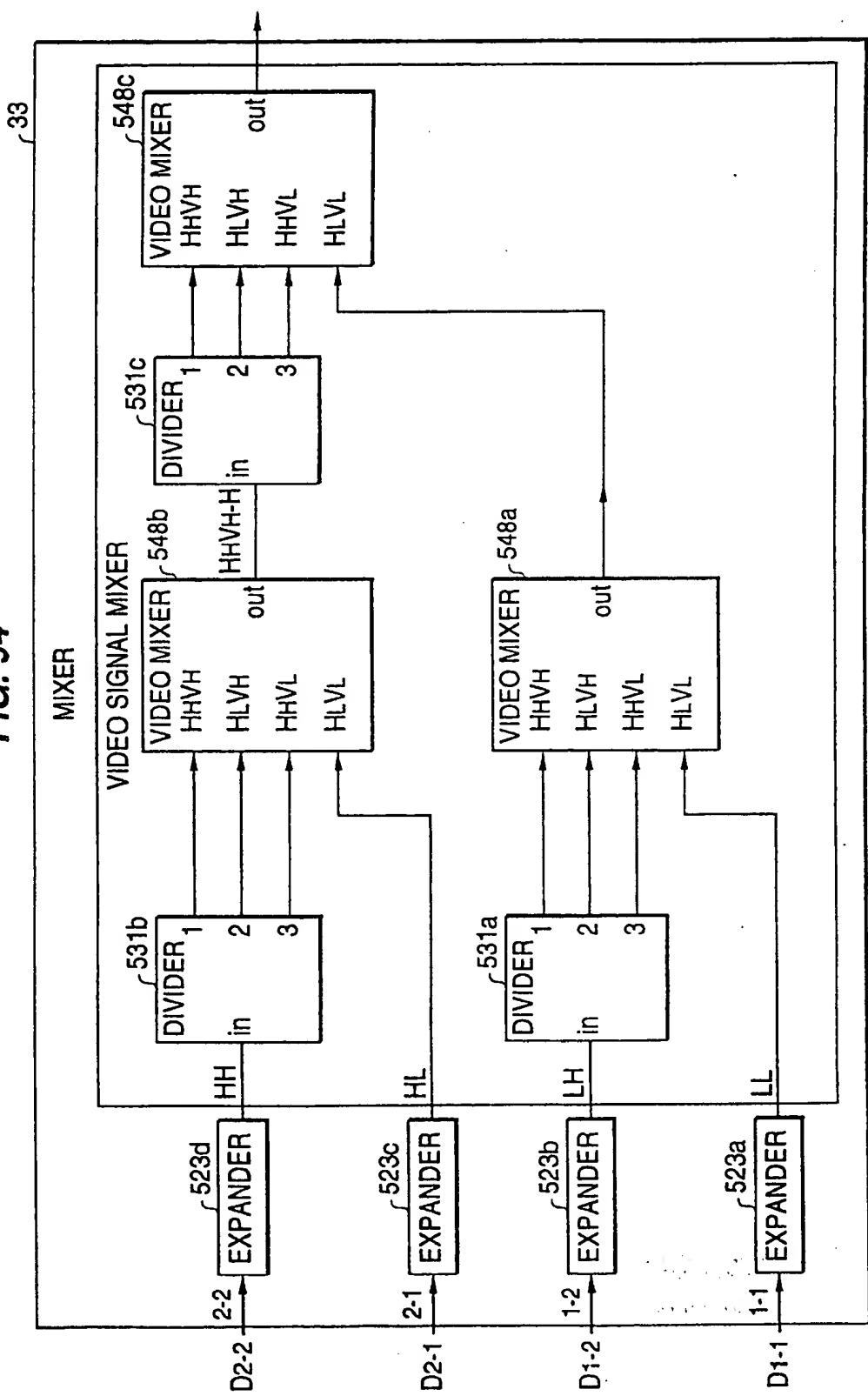


FIG. 95

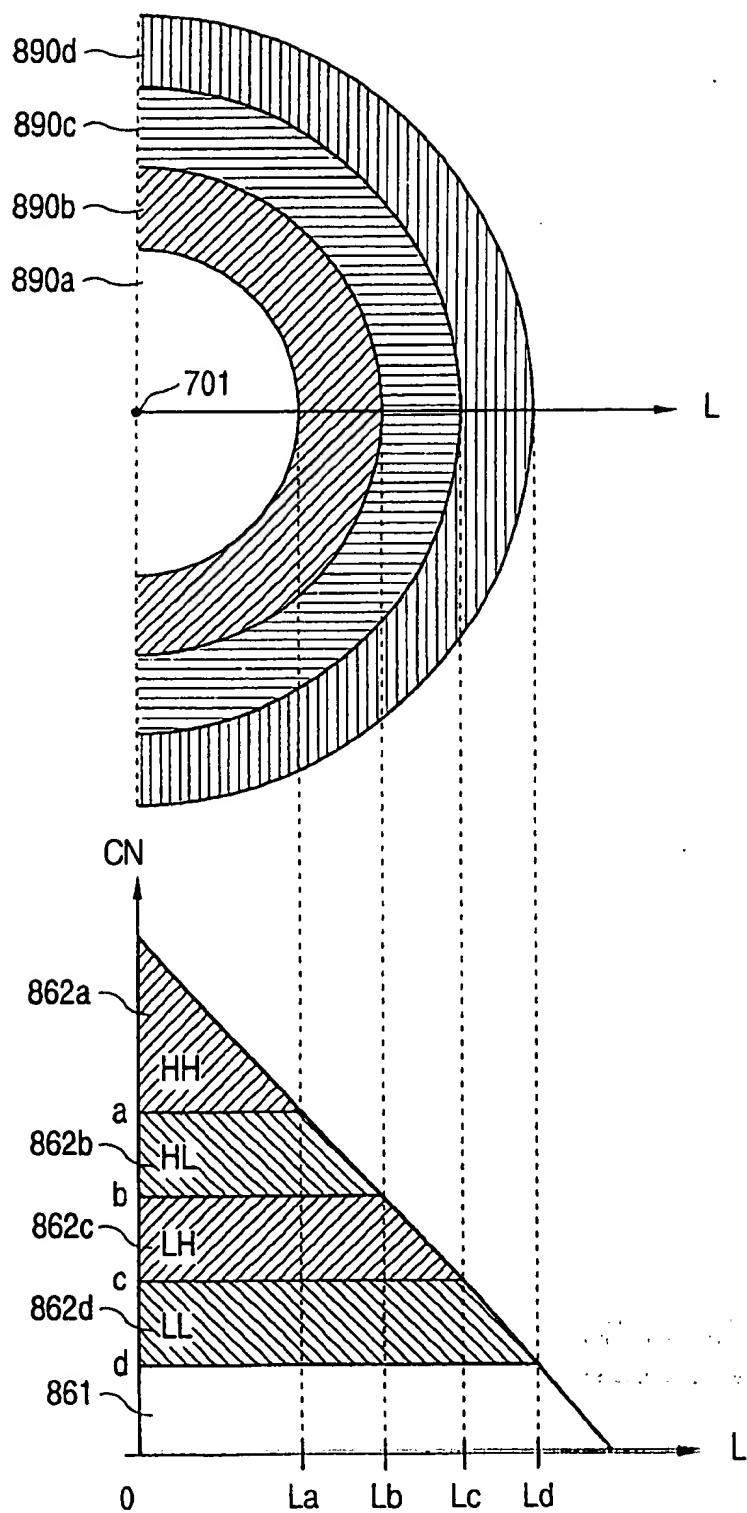


FIG. 96

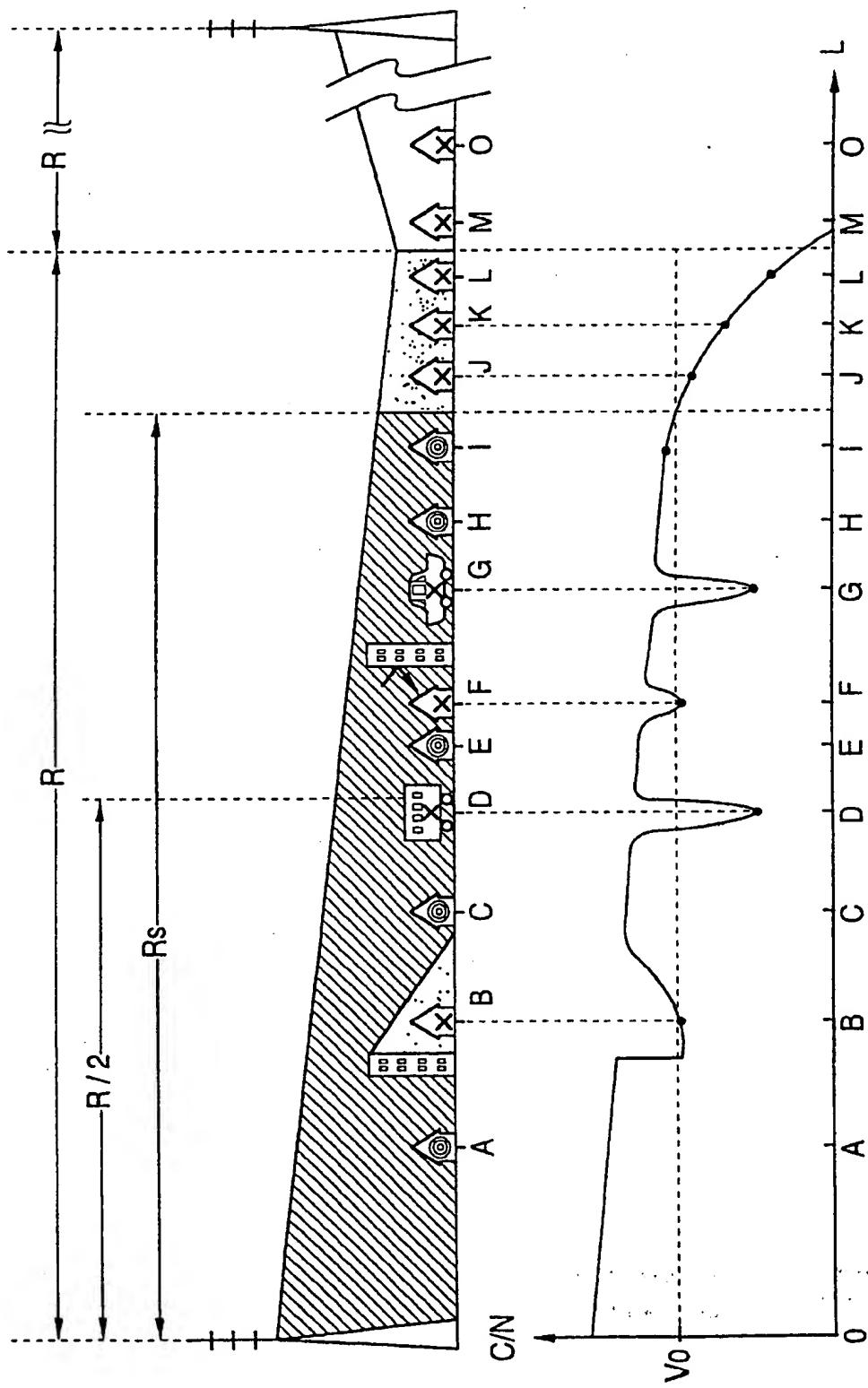


FIG. 97

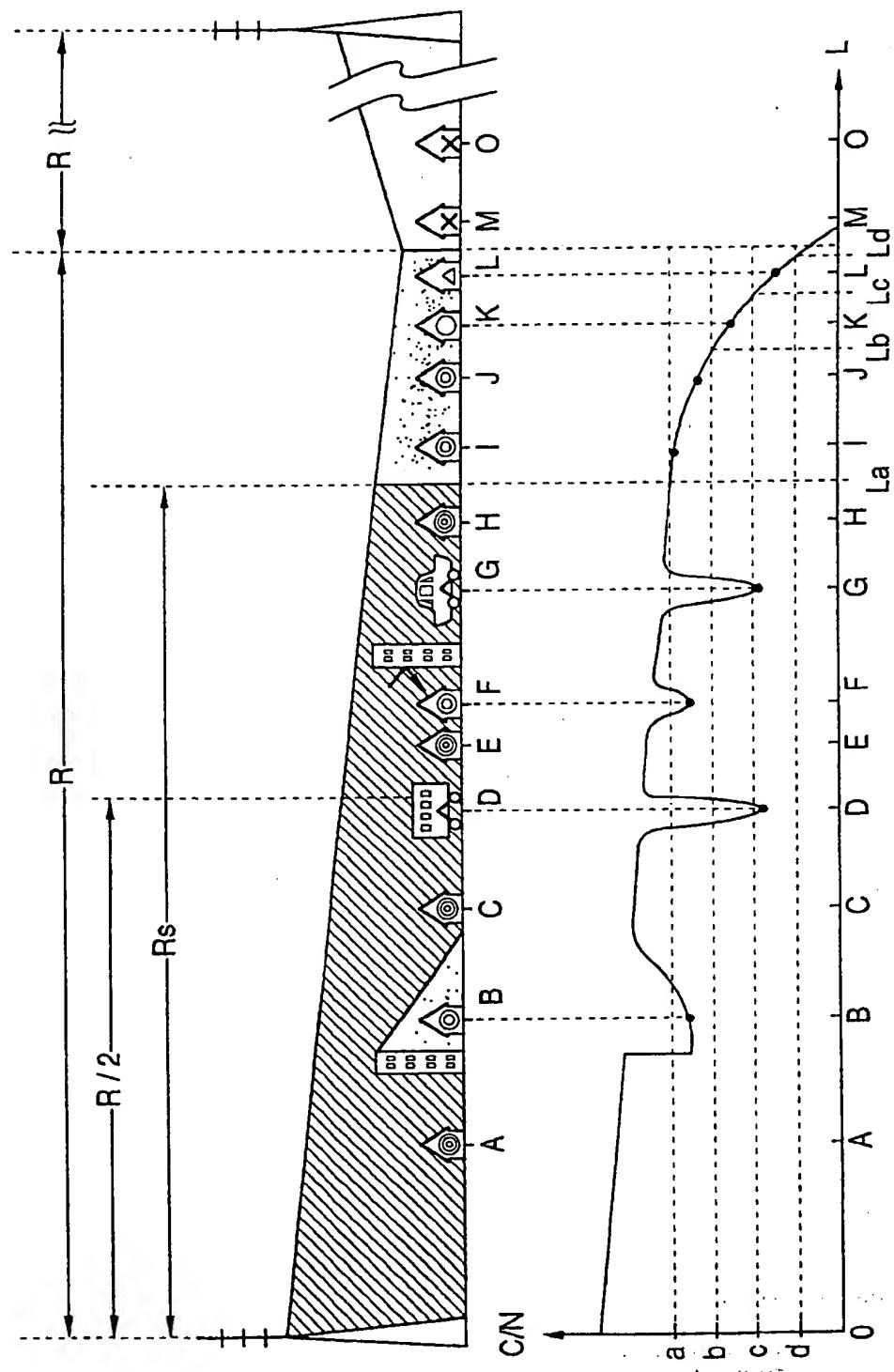


FIG. 98

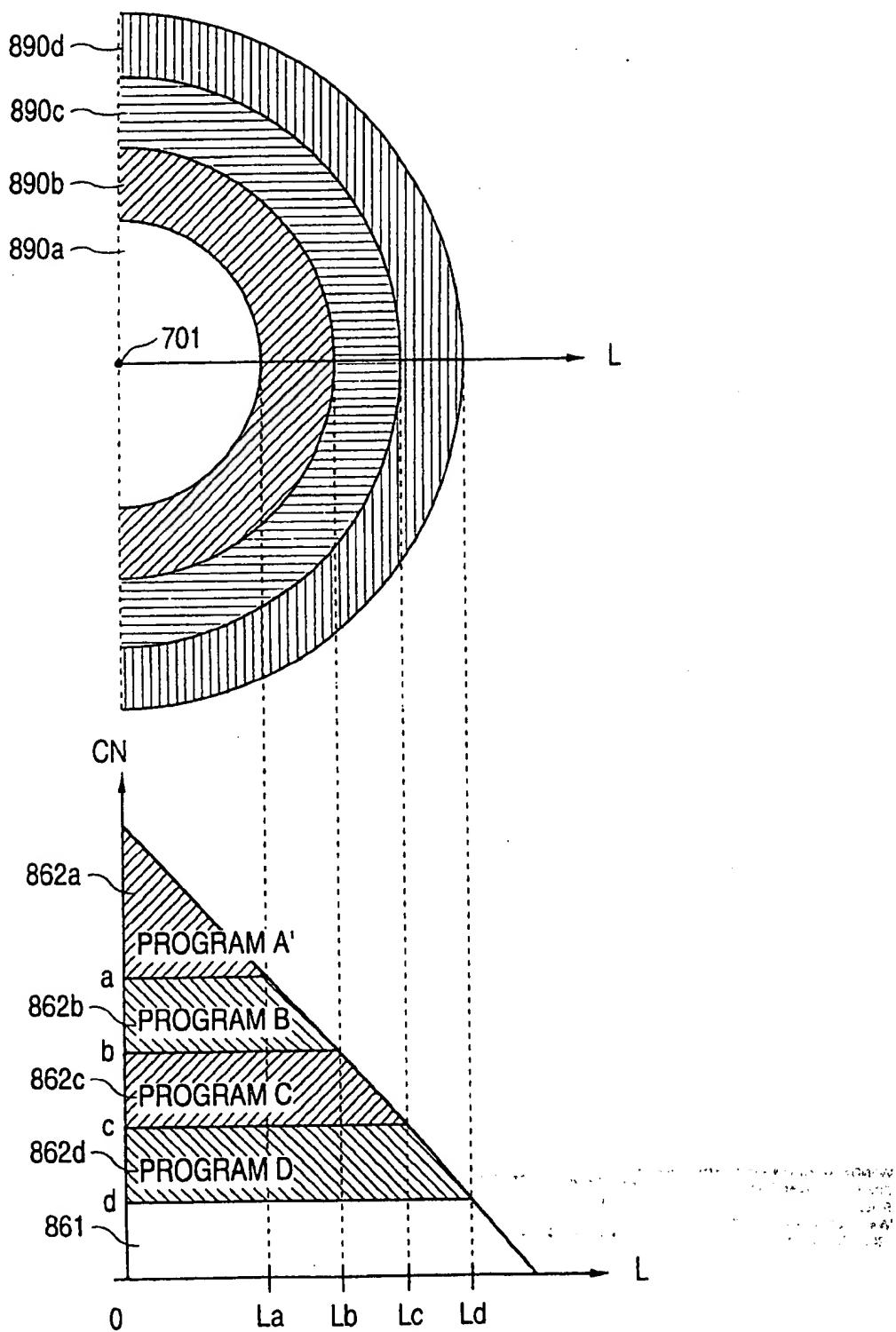


FIG. 99

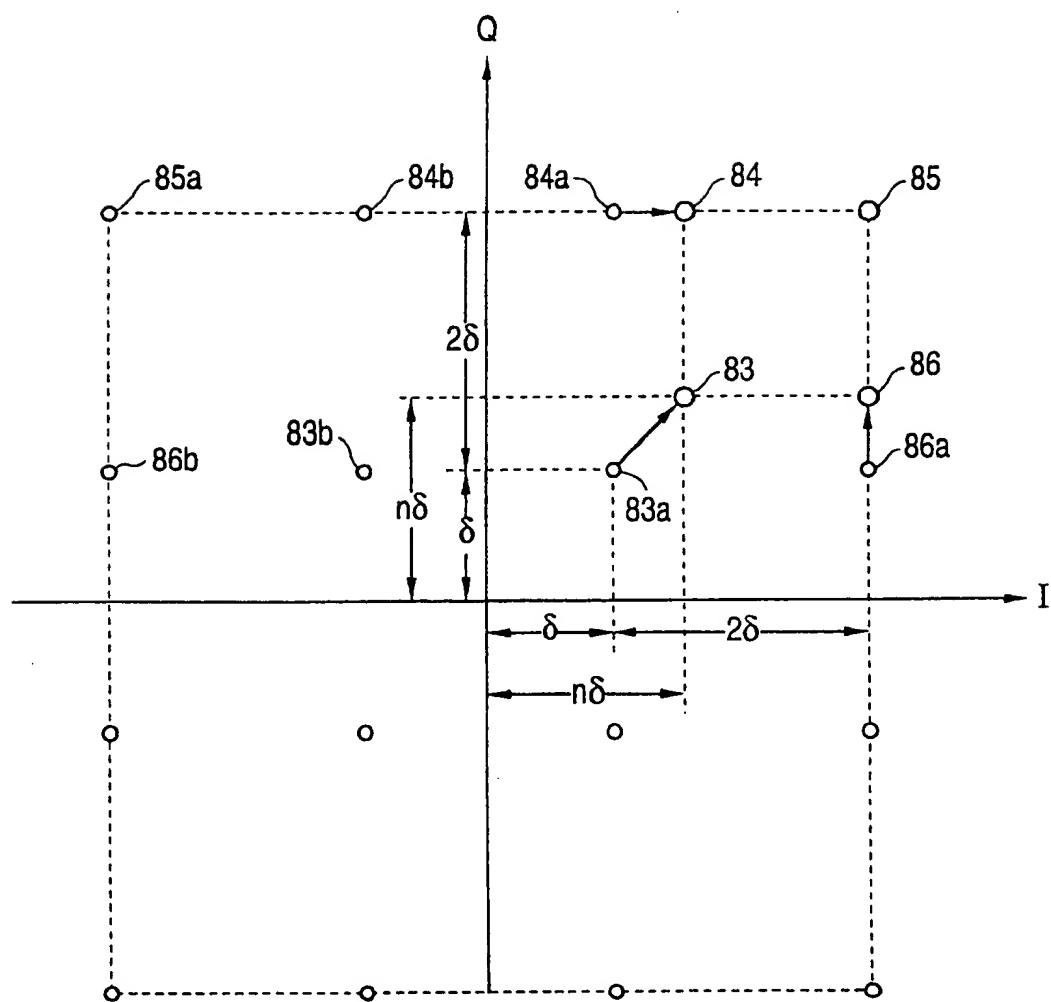


FIG. 100

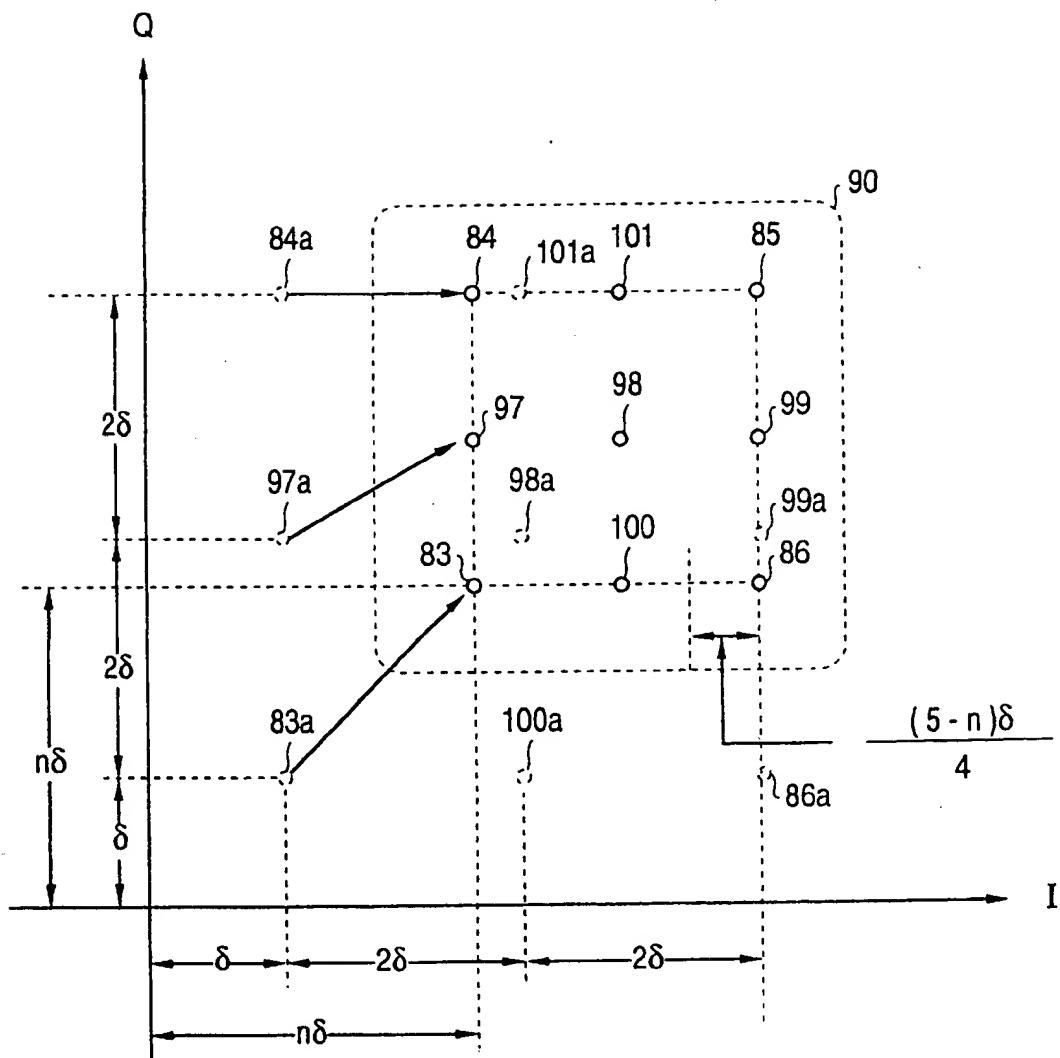


FIG. 101

Pe

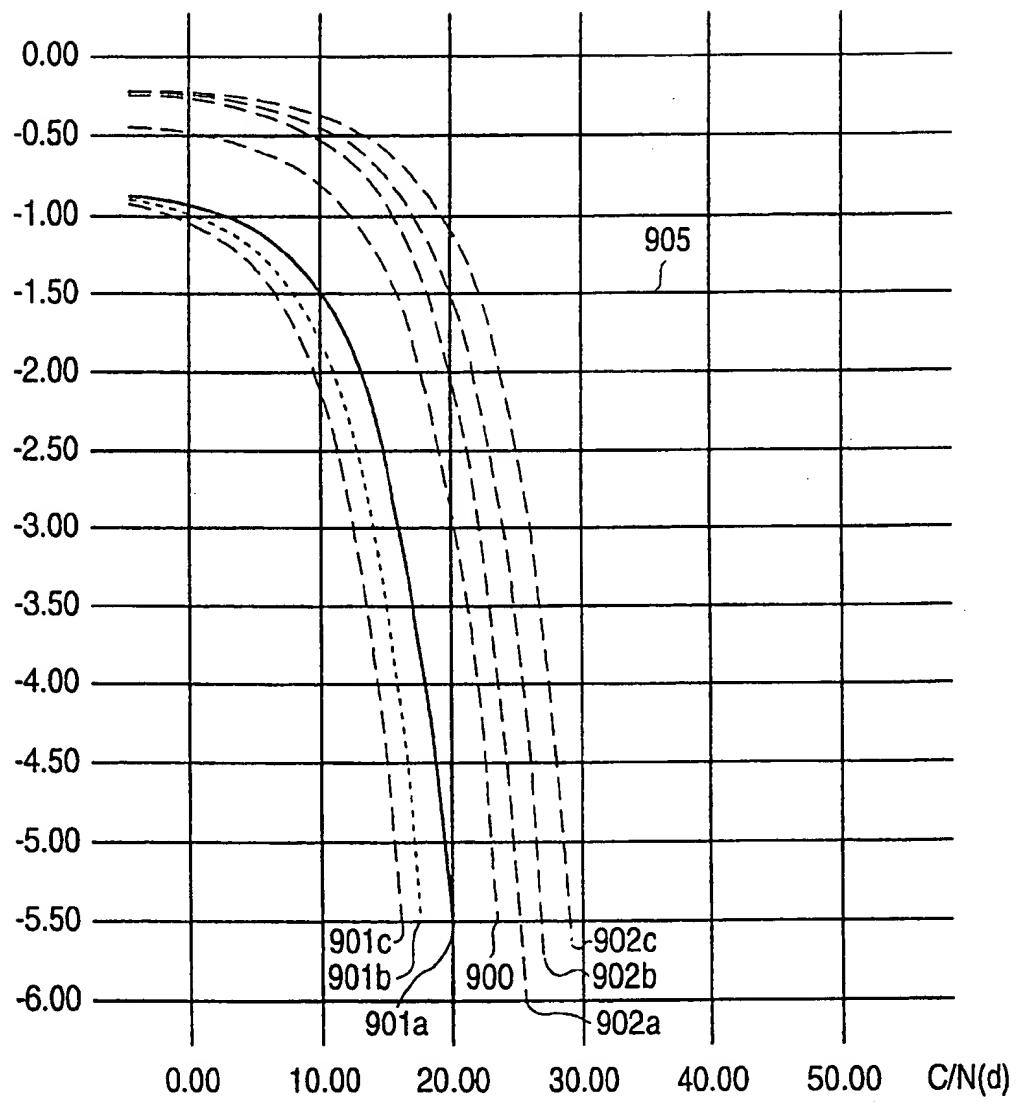


FIG. 102

Pe

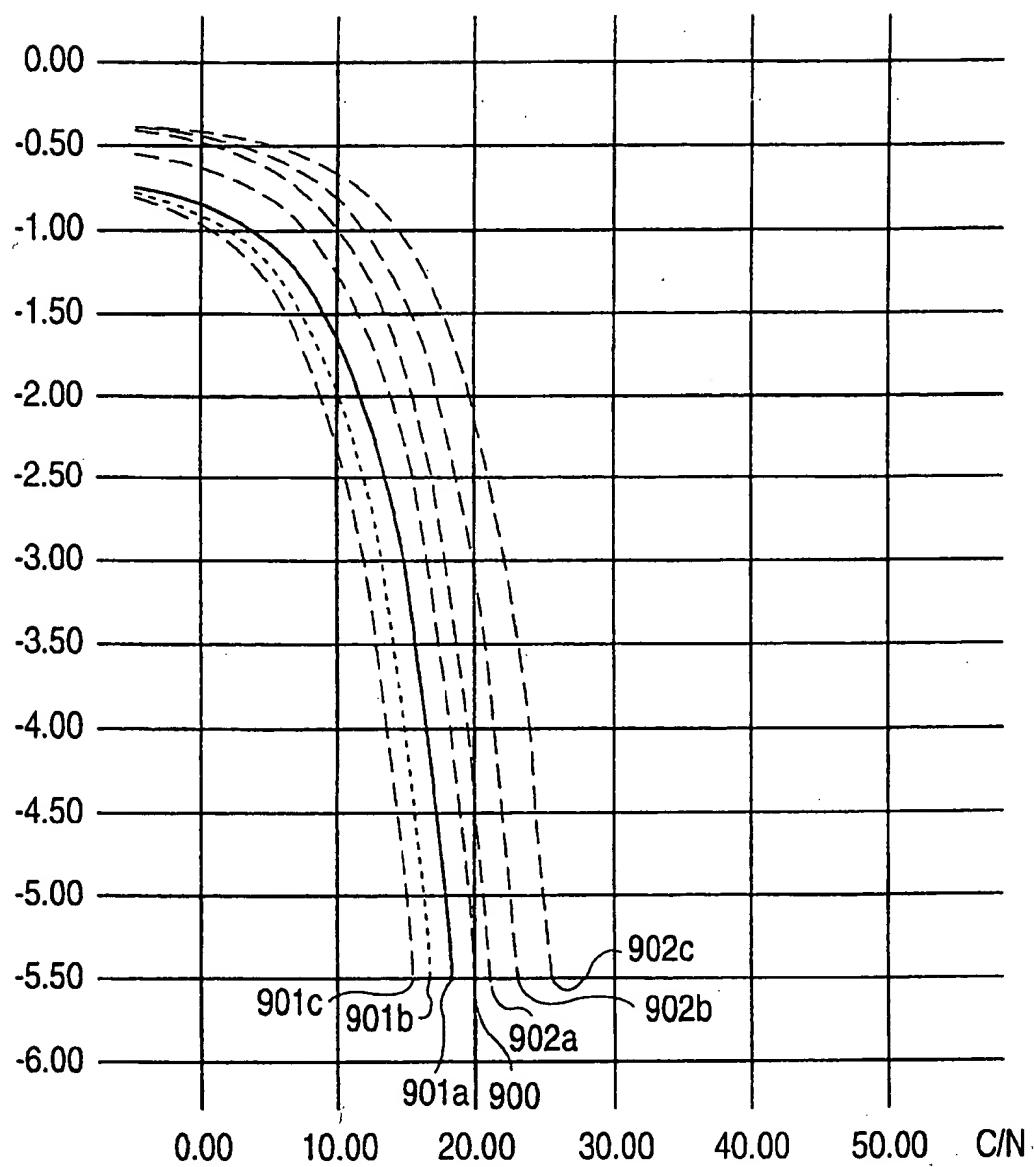


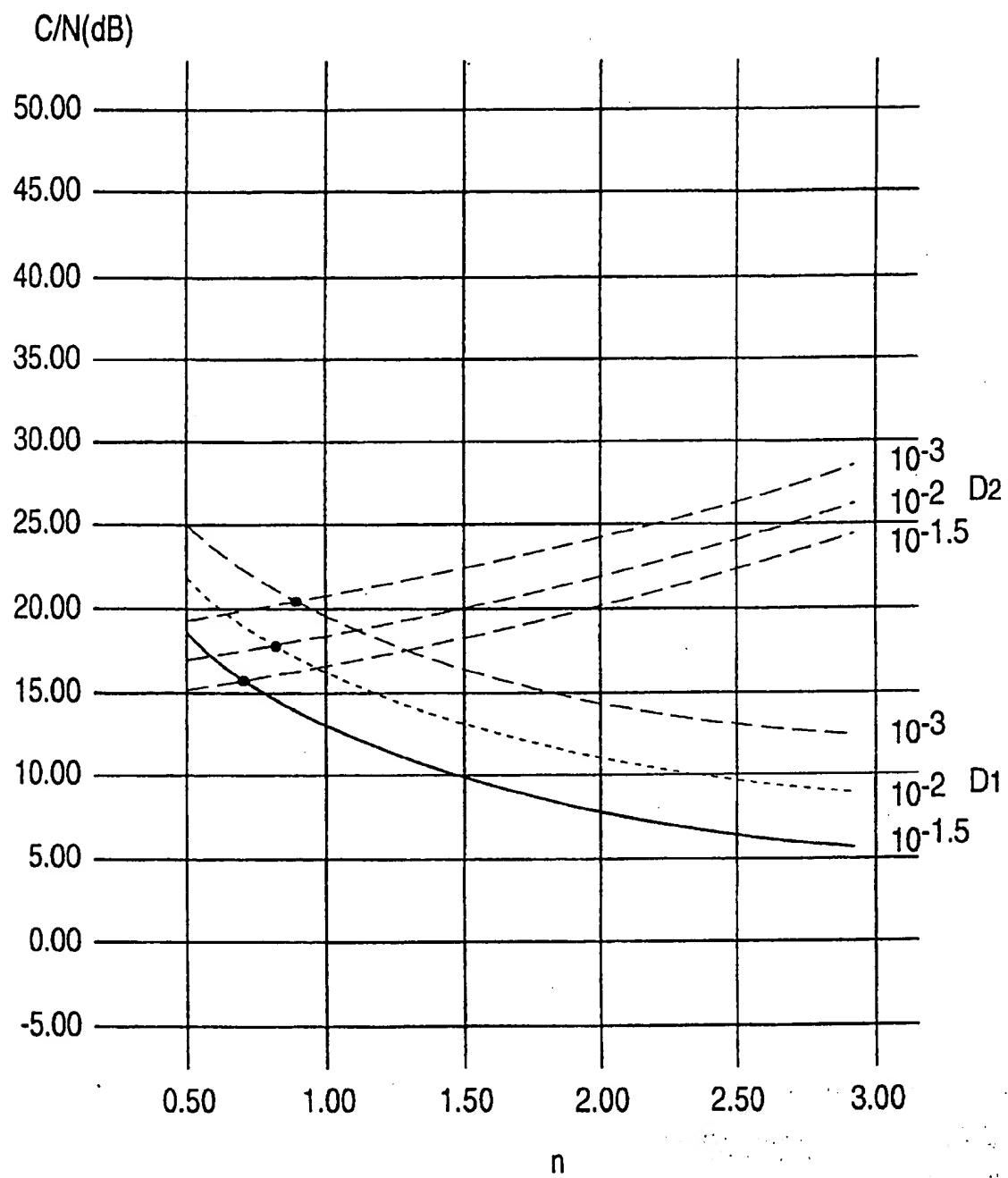
FIG. 103

FIG. 104

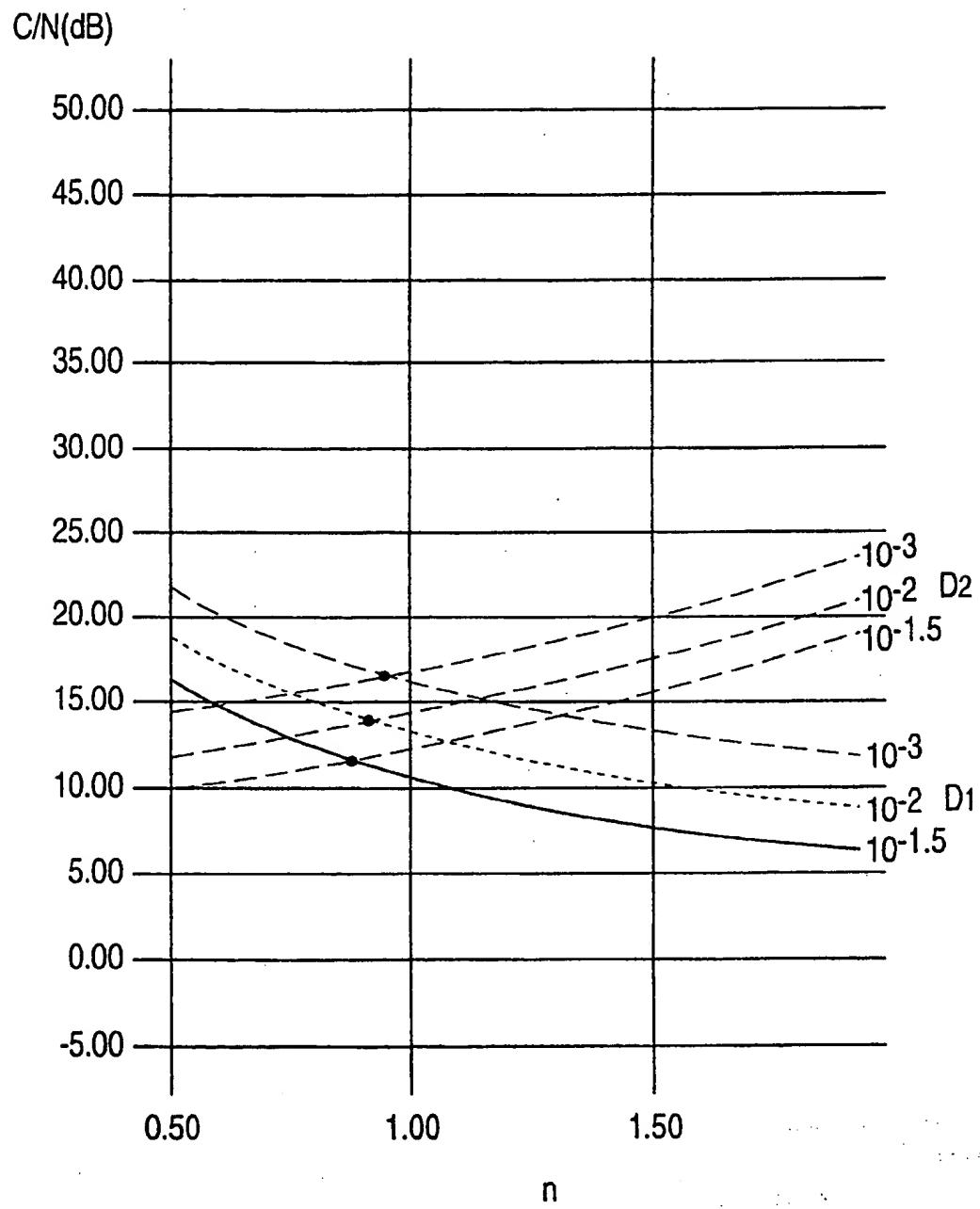


FIG. 105

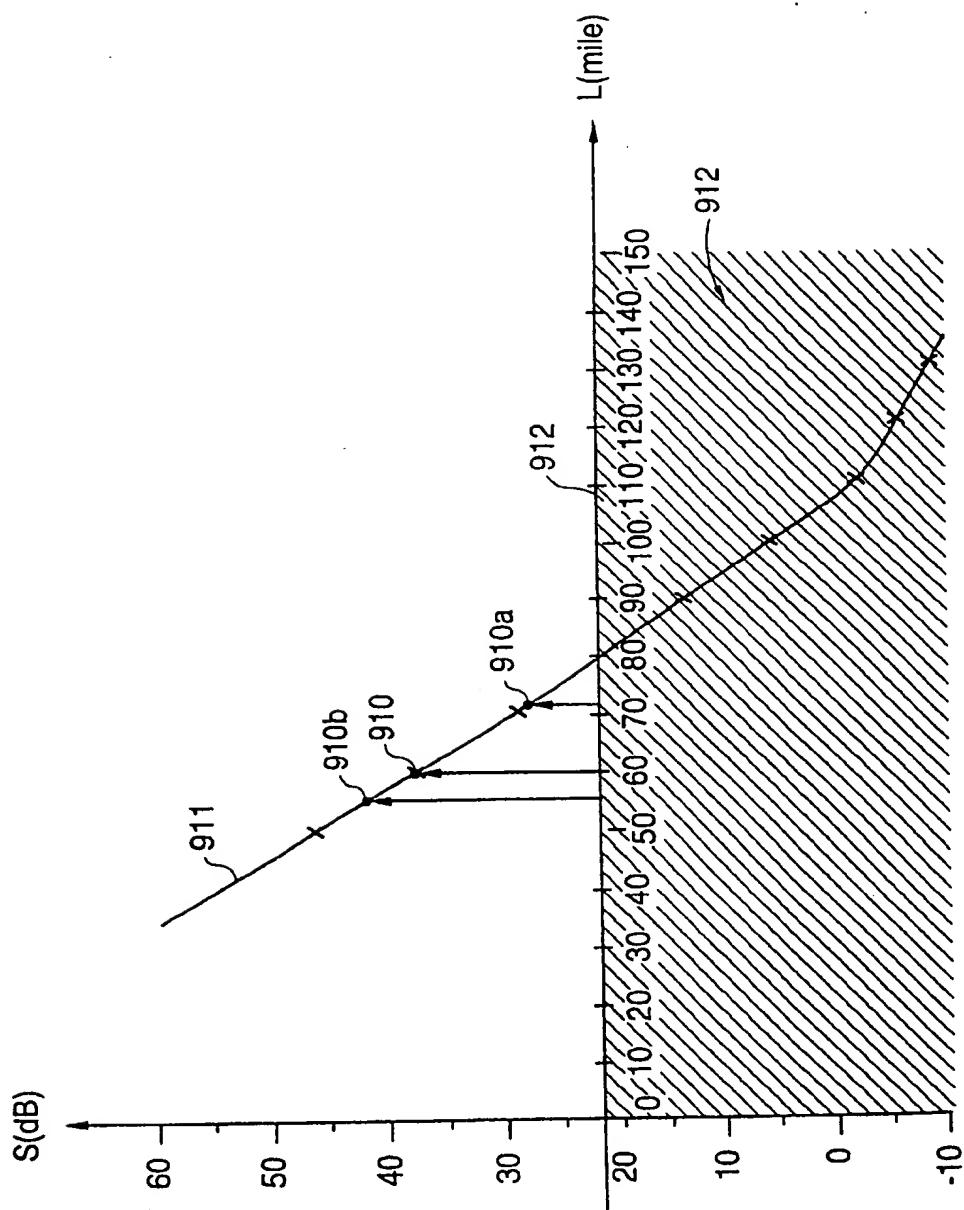


FIG. 106

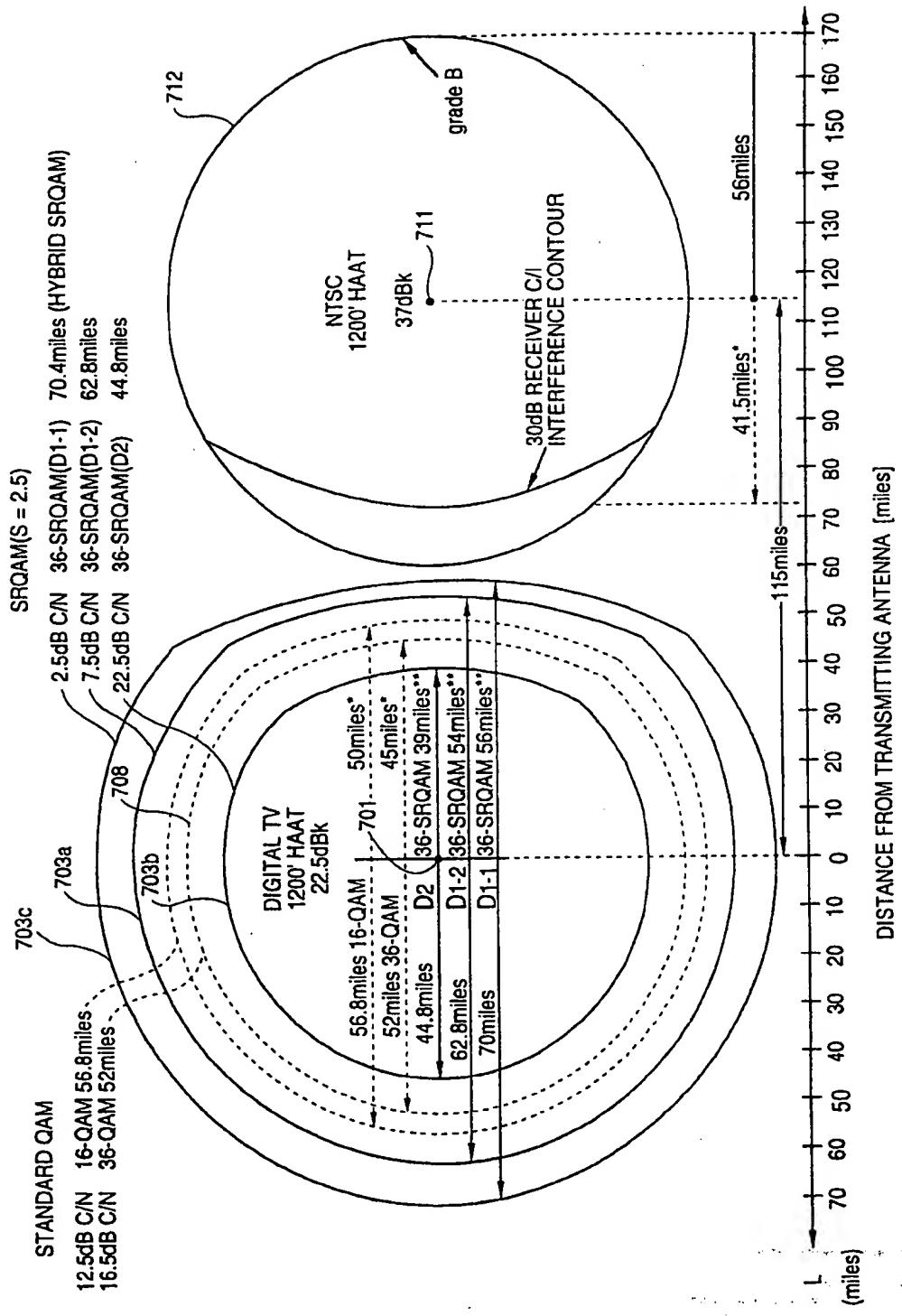


FIG. 107

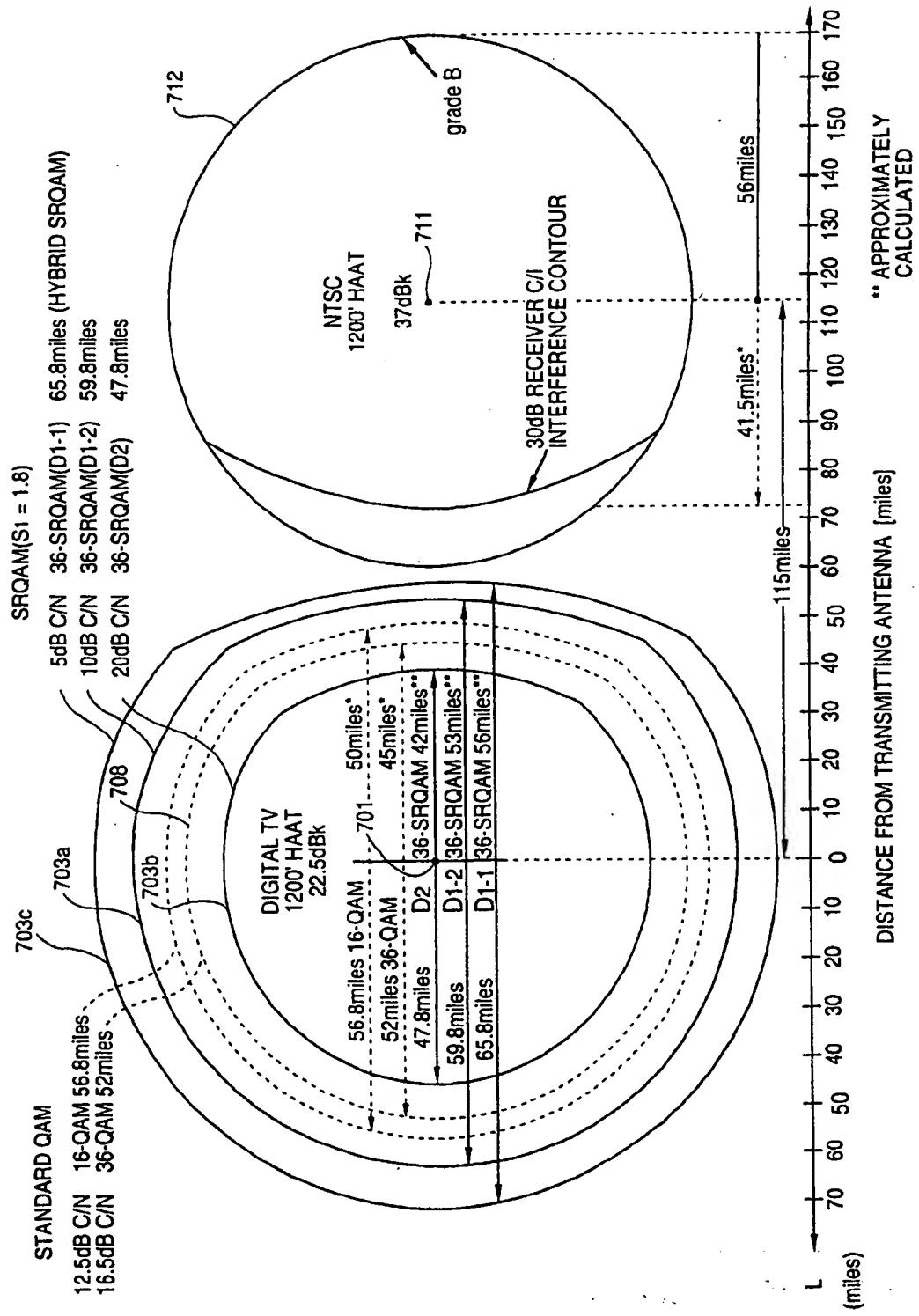


FIG. 108(a)

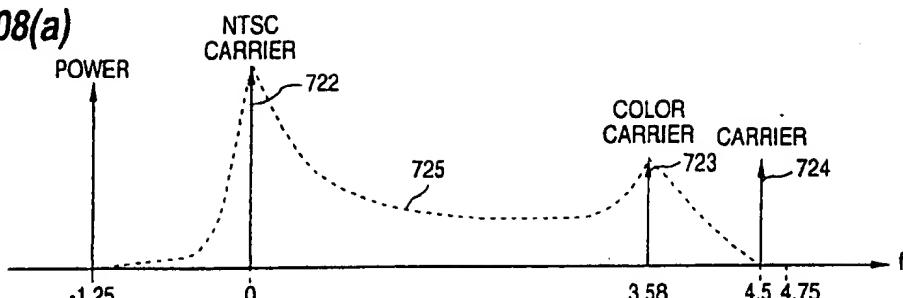


FIG. 108(b)

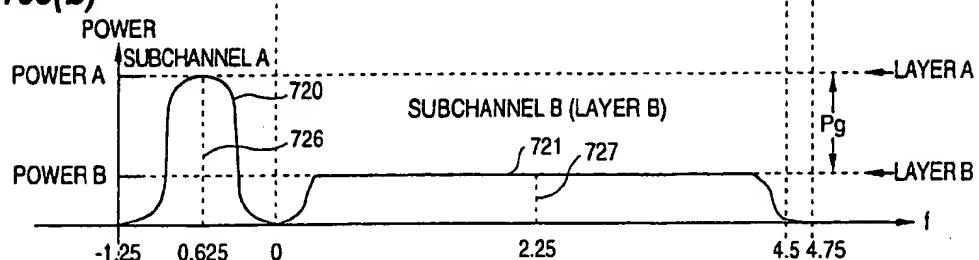


FIG. 108(c)

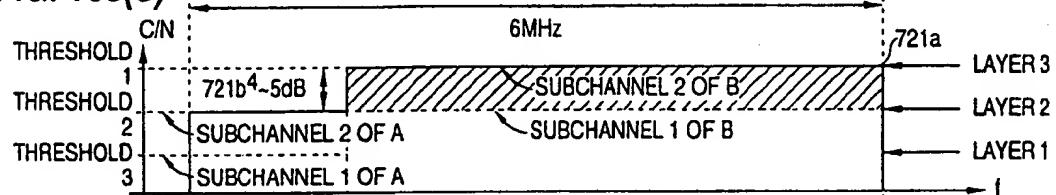


FIG. 108(d)

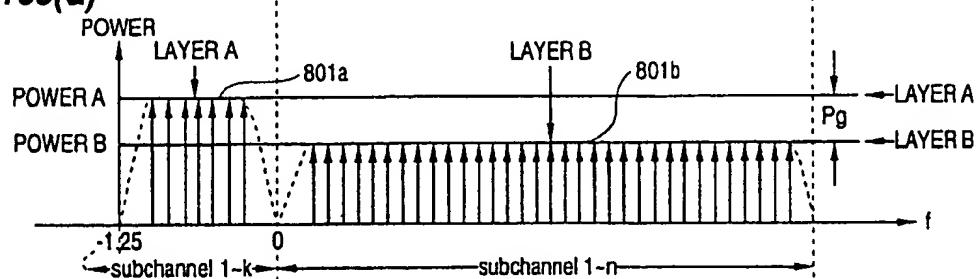


FIG. 108(e)

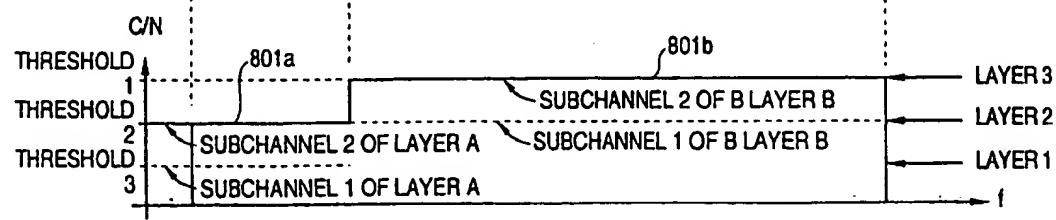


FIG. 109

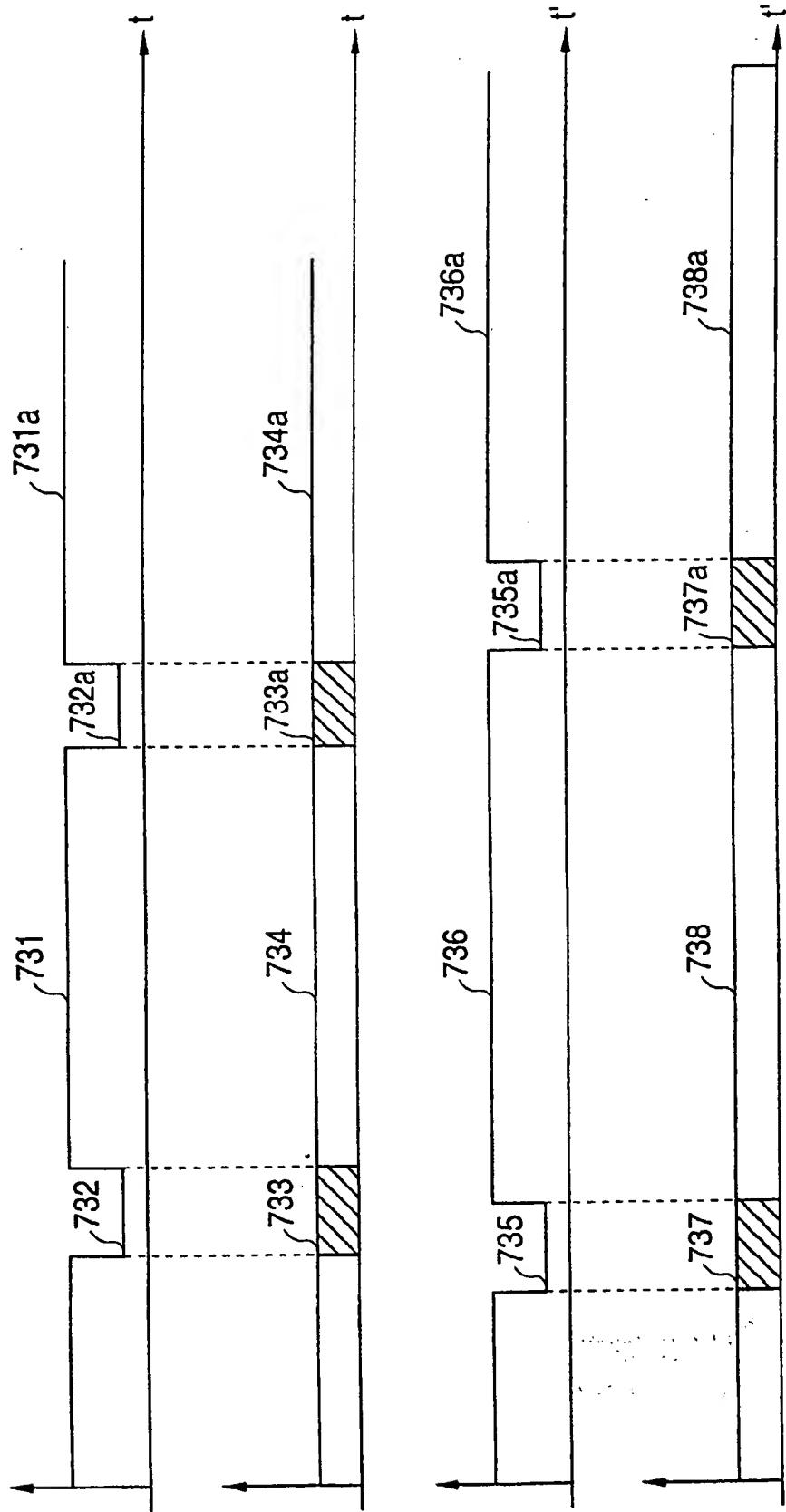


FIG. 110

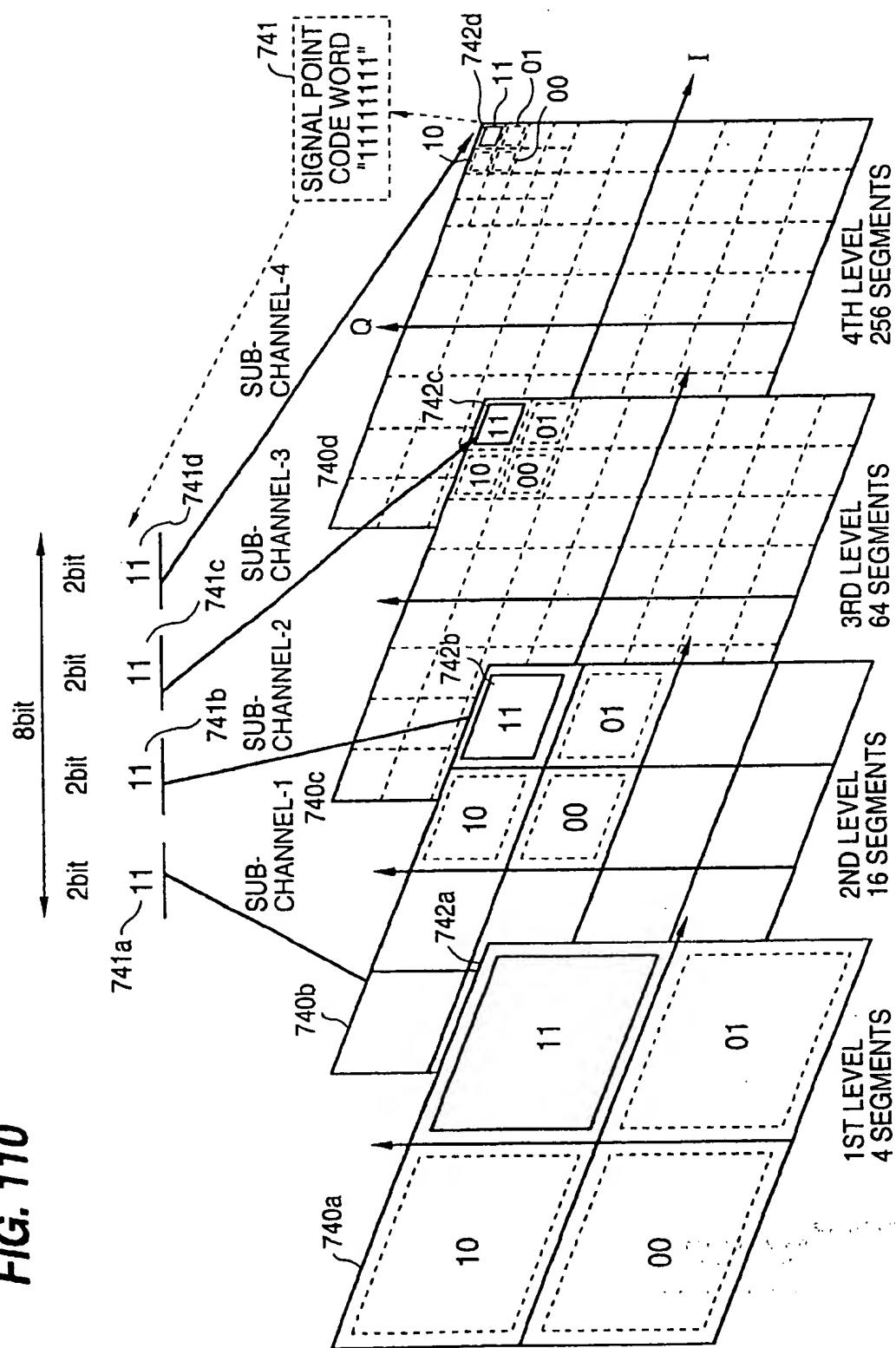
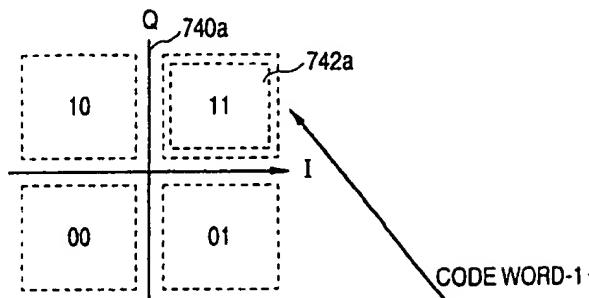
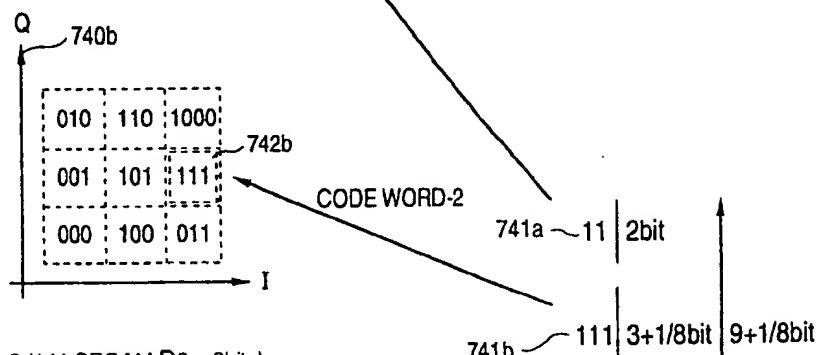


FIG. 111

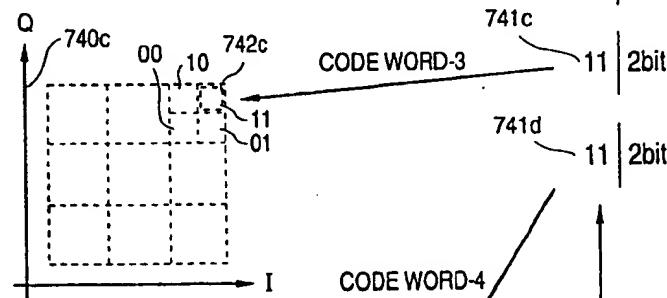
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



SUBCHANNEL-2 (36-SRQAM:D2 = 3bit + 1/8bit)



SUBCHANNEL-3 (144-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (576-SRQAM:D4 = 2bit)

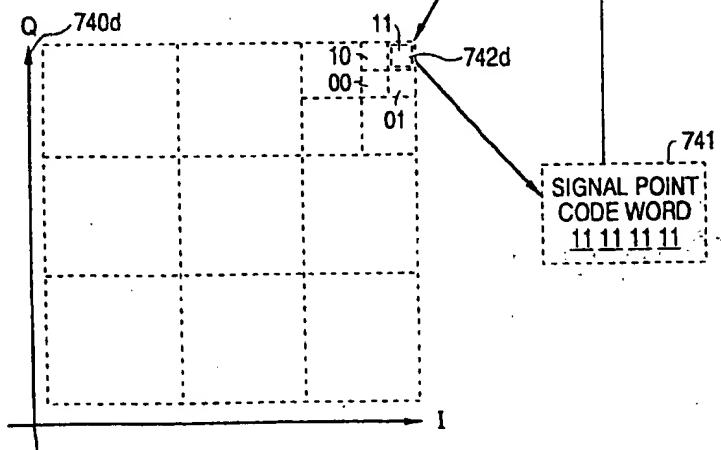
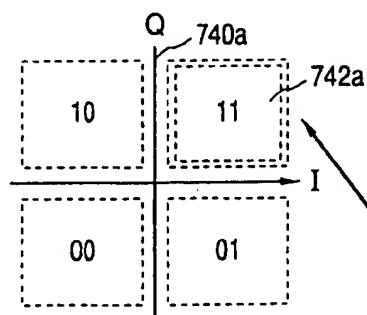
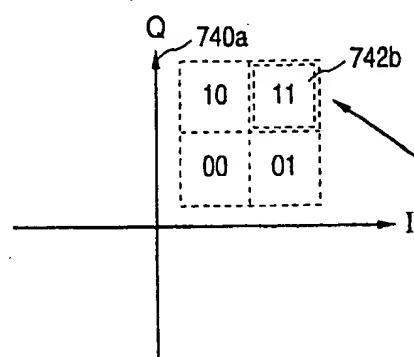


FIG. 112

SUBCHANNEL-1 (SRQAM:D1 = 2bit)



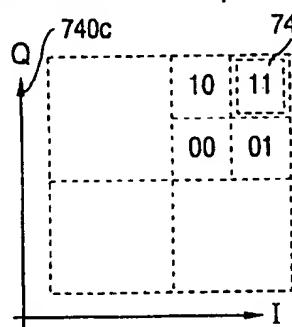
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



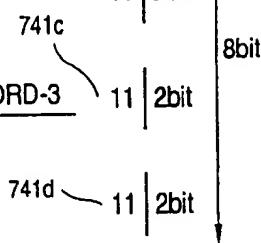
CODE WORD-1

CODE WORD-2

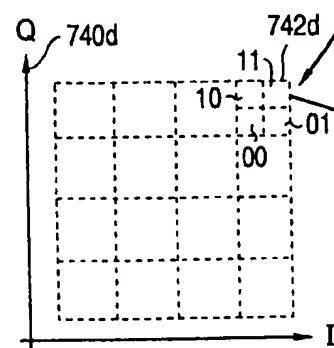
SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



CODE WORD-3



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



CODE WORD-4

741
SIGNAL POINT
CODE WORD
11 11 11 11

FIG. 113

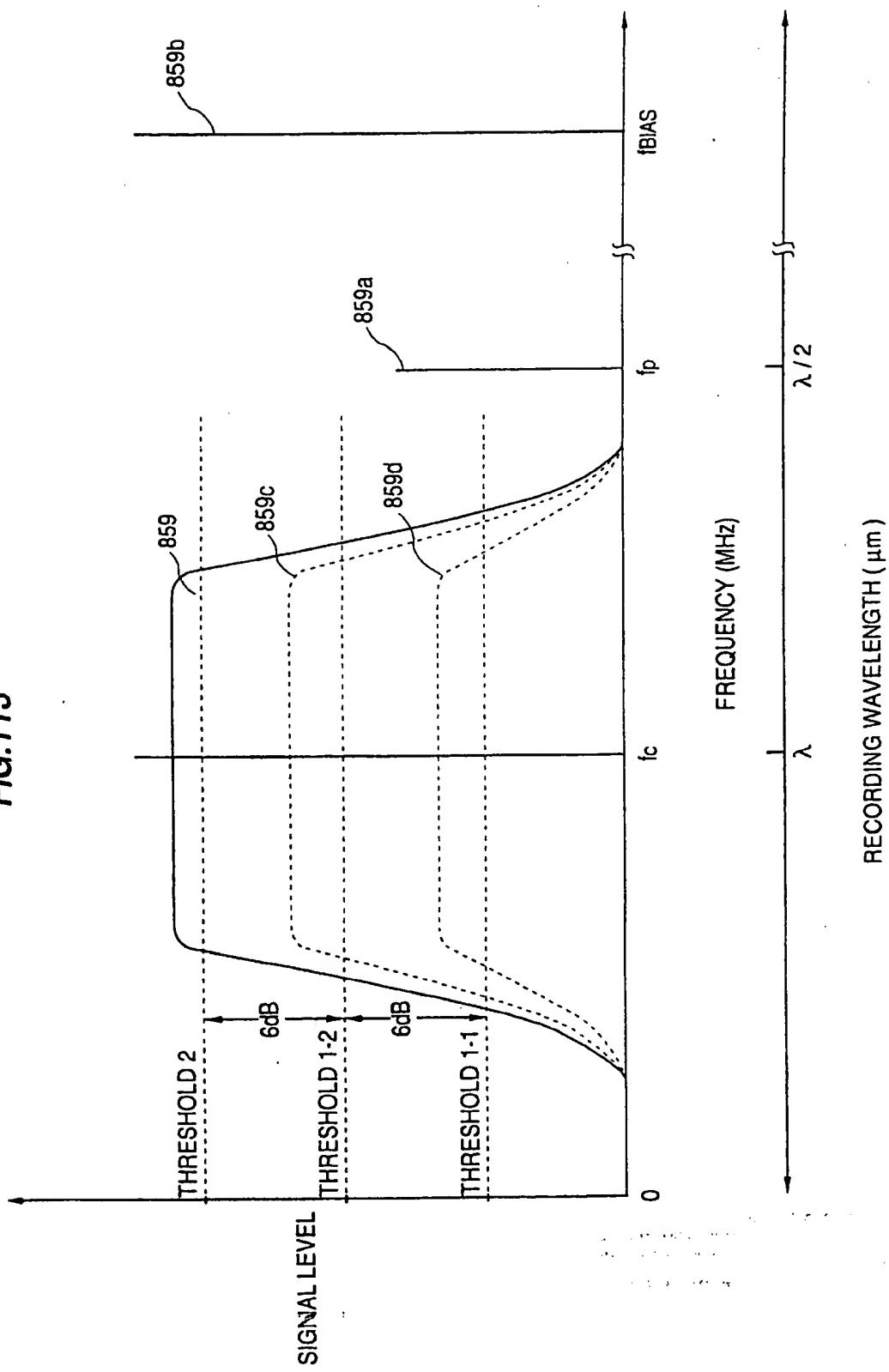


FIG. 114

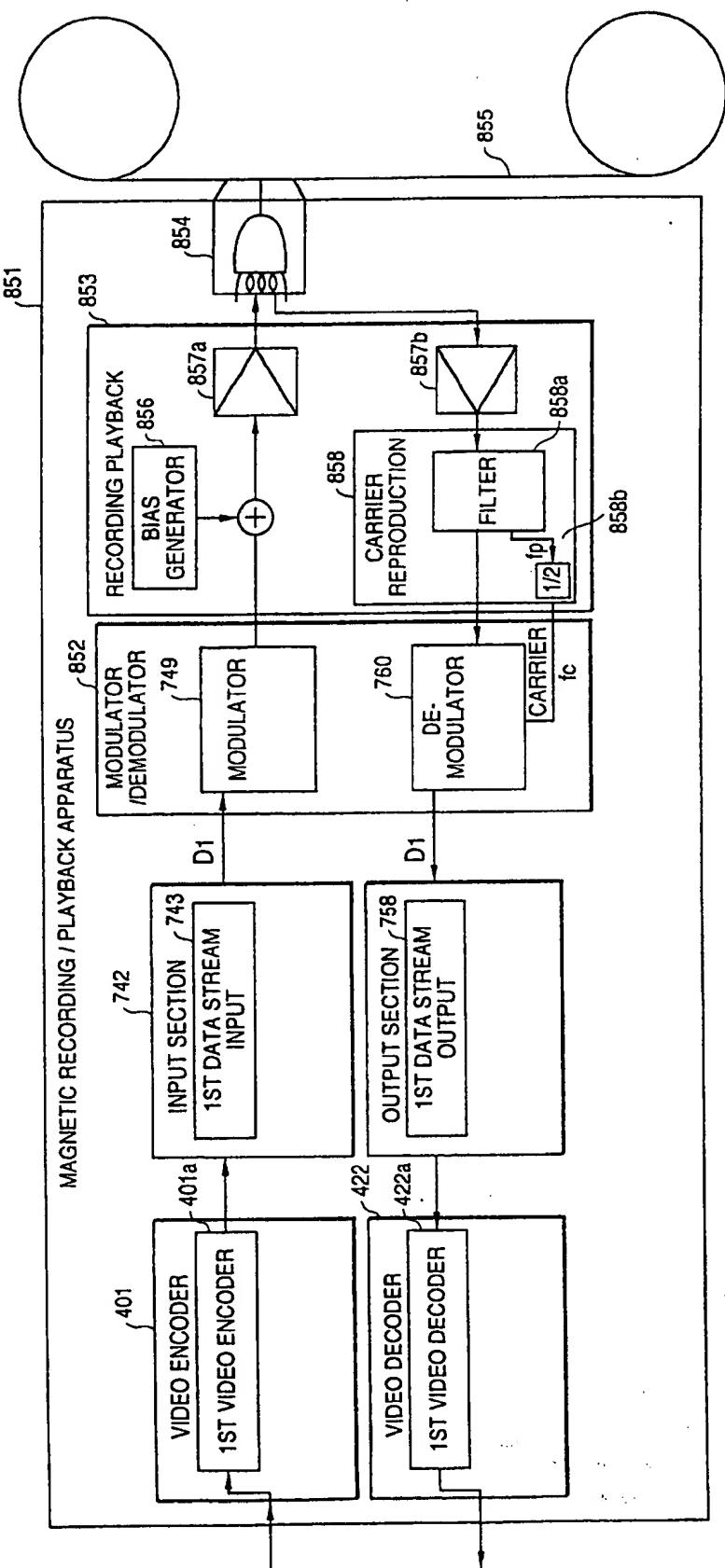


FIG. 115

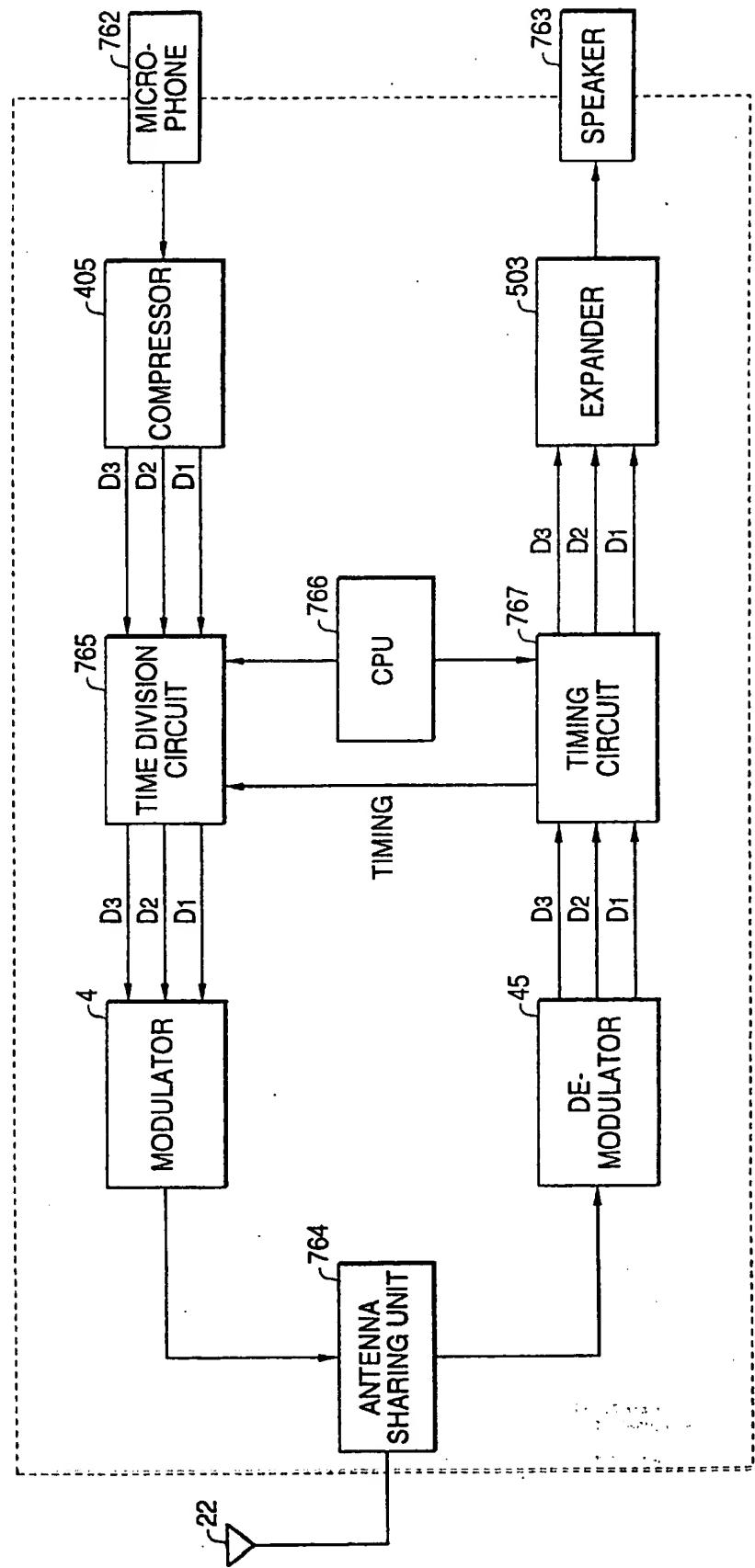
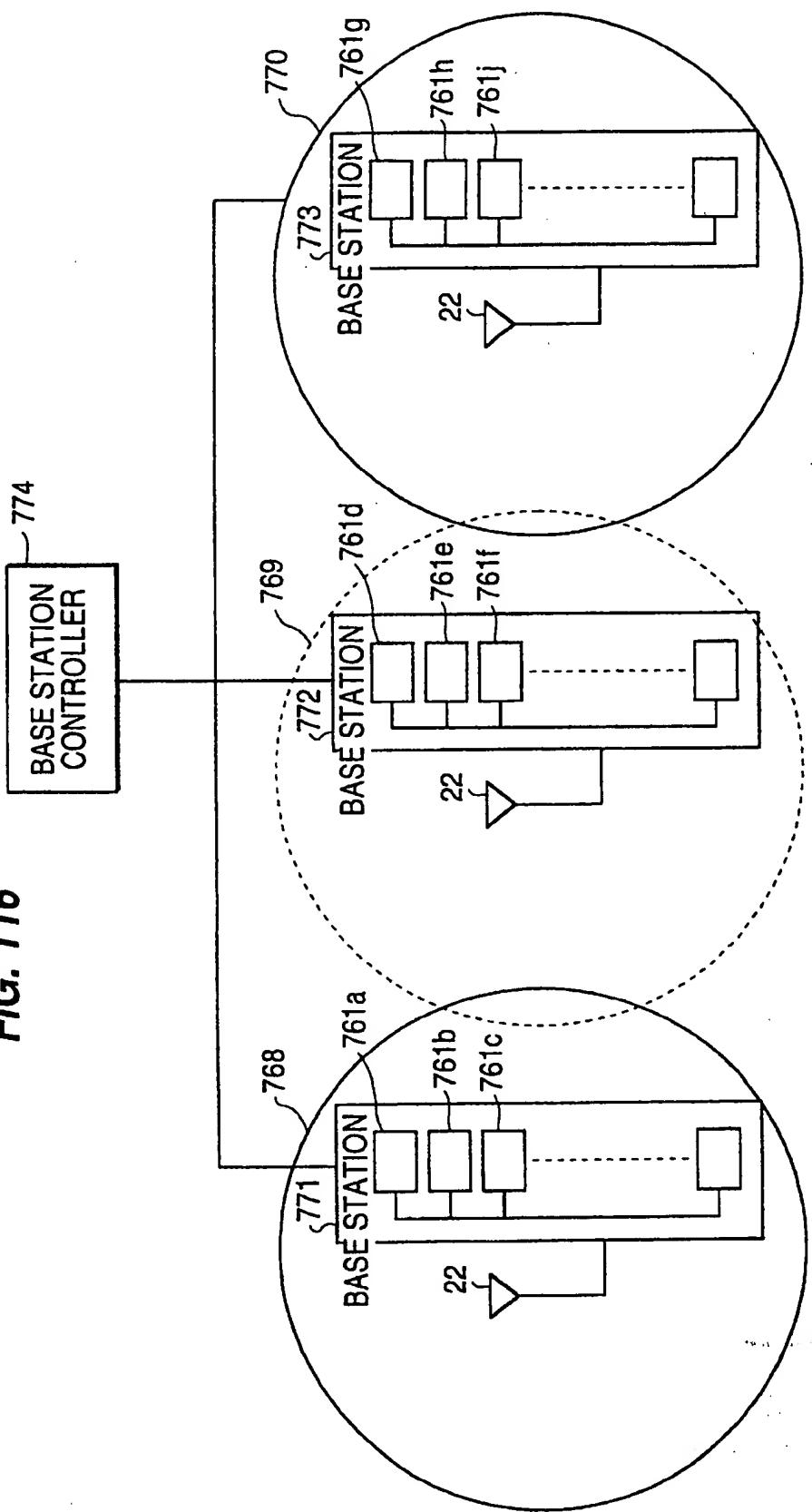
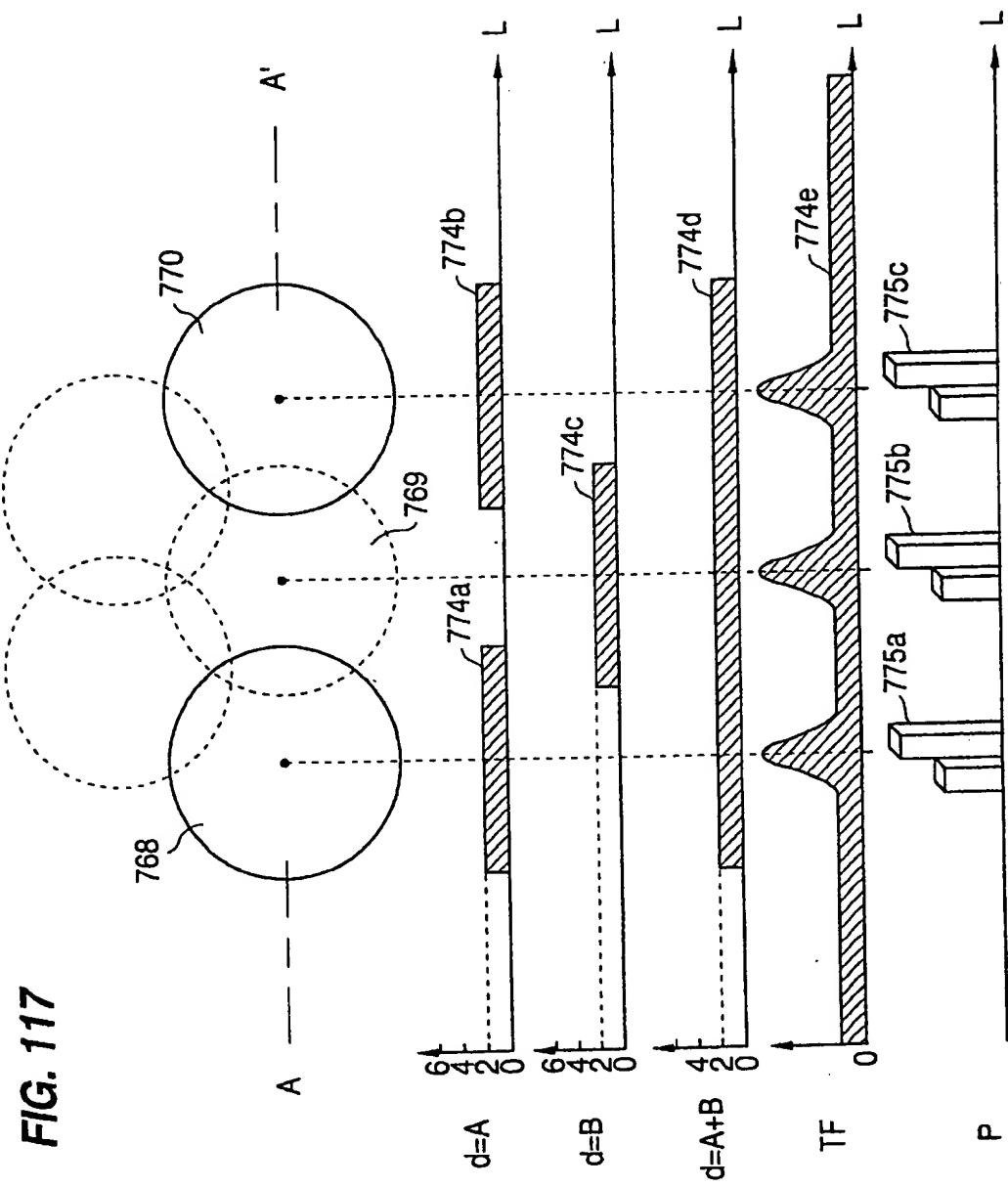


FIG. 116





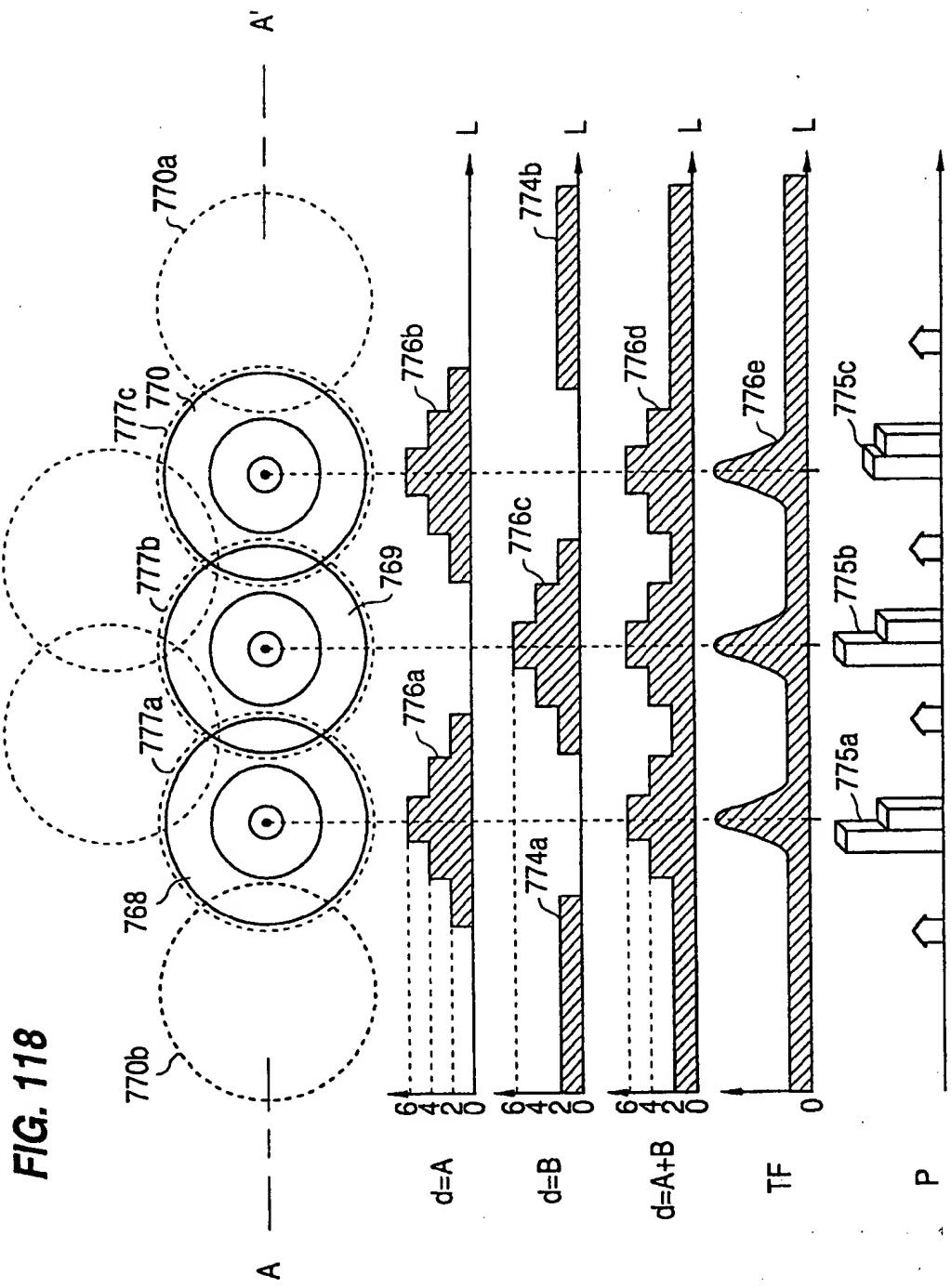


FIG. 119(a)

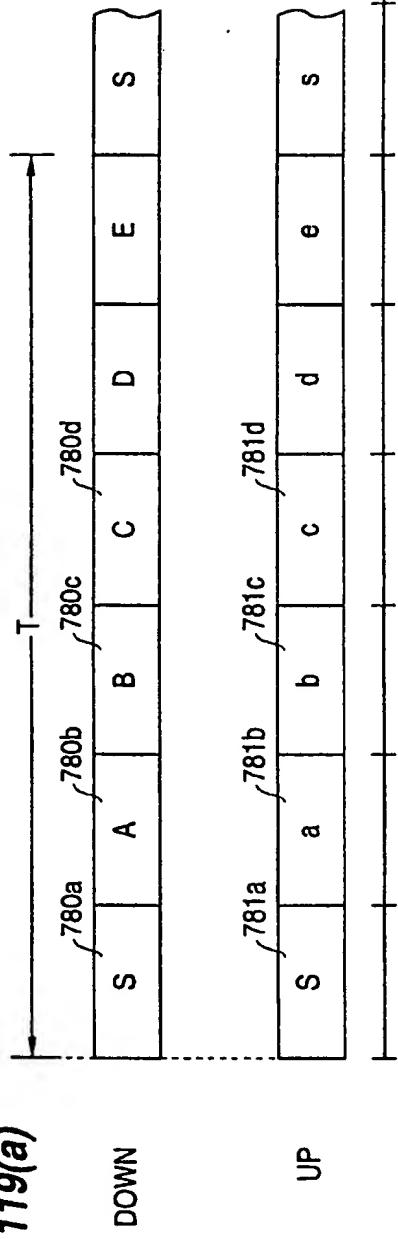


FIG. 119(b)

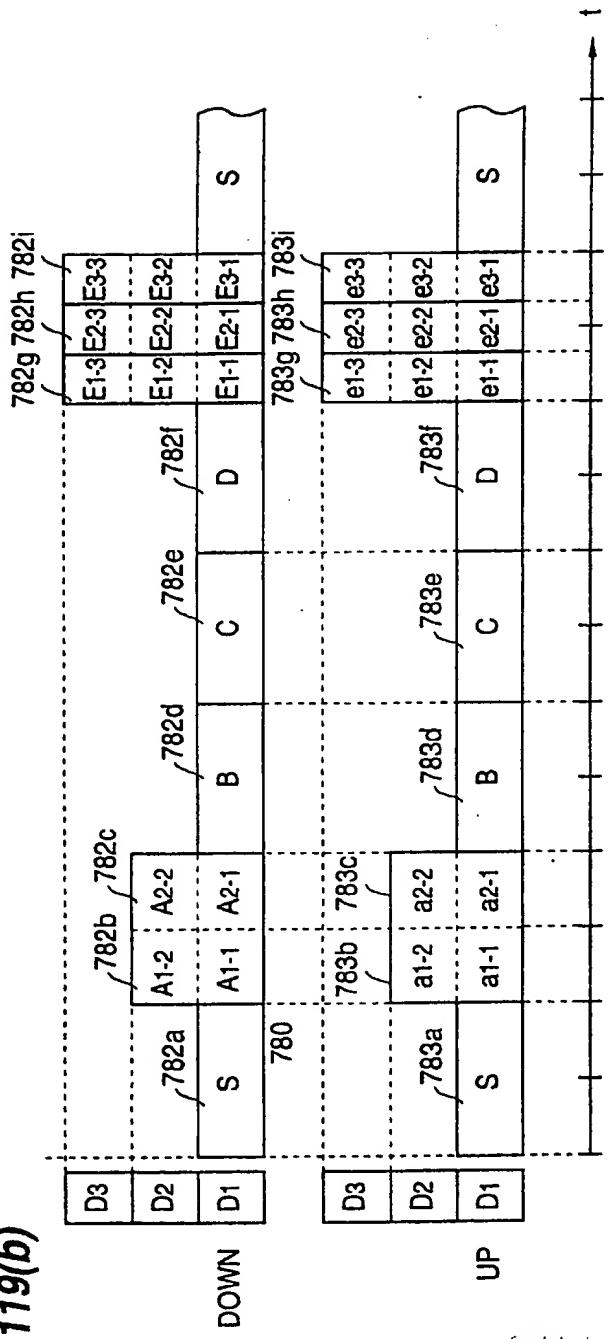


FIG. 120(a)

S	A	a	B	b	C	c	D	d	E	e	F	f	S
785	786a	787a	786b	787b	786c	787c	786d	787d	786e	787e	786f	787f	786g

FIG. 120(b)

D3	788a	788b	788c	788d									
D2	785	A1-2	A2-2	a1-2	a2-2	788e	788f	788g	788h				
D1	S	A1-2	A2-1	a1-2	a2-1	S	b	C	c	D1	D2-1	D3-1	D4-1
										E1	E2-1	E3-1	E4-1
										F1	F2-1	F3-1	F4-1
										G1	G2-1	G3-1	G4-1
										H1	H2-1	H3-1	H4-1
										I1	I2-1	I3-1	I4-1
										J1	J2-1	J3-1	J4-1
										K1	K2-1	K3-1	K4-1
										L1	L2-1	L3-1	L4-1
										M1	M2-1	M3-1	M4-1
										N1	N2-1	N3-1	N4-1
										O1	O2-1	O3-1	O4-1
										P1	P2-1	P3-1	P4-1
										Q1	Q2-1	Q3-1	Q4-1
										R1	R2-1	R3-1	R4-1
										S1	S2-1	S3-1	S4-1

FIG. 121

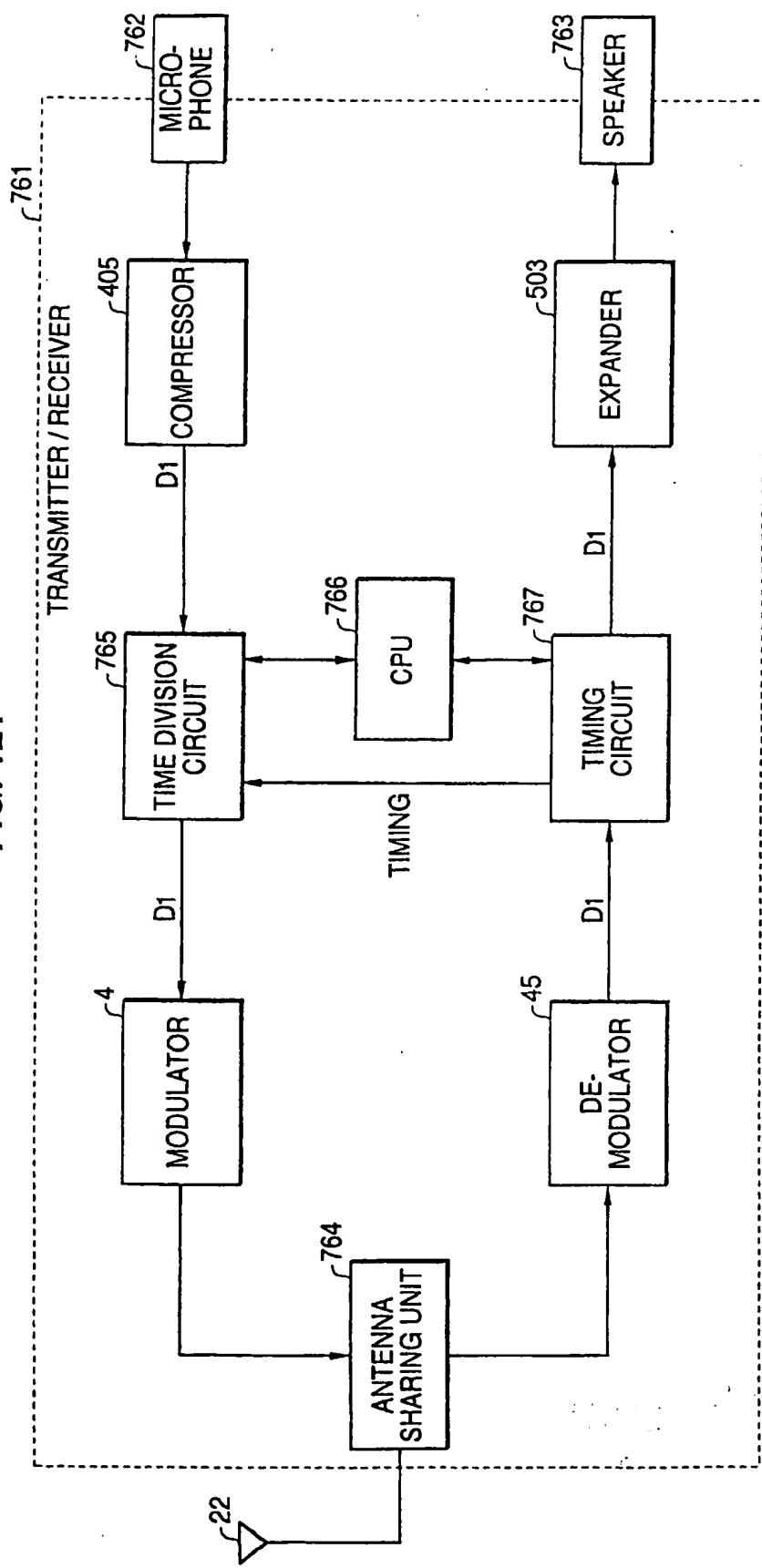
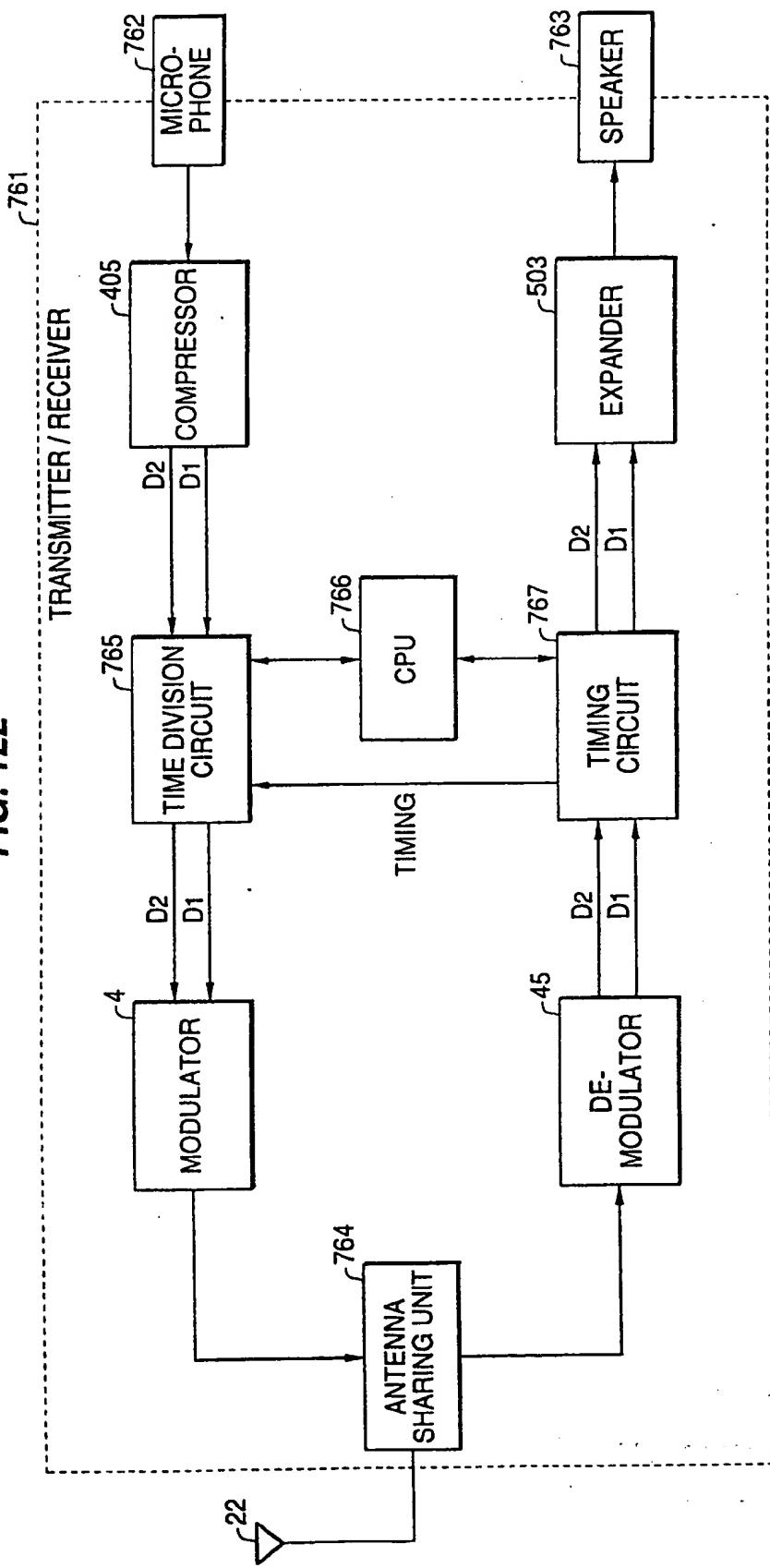
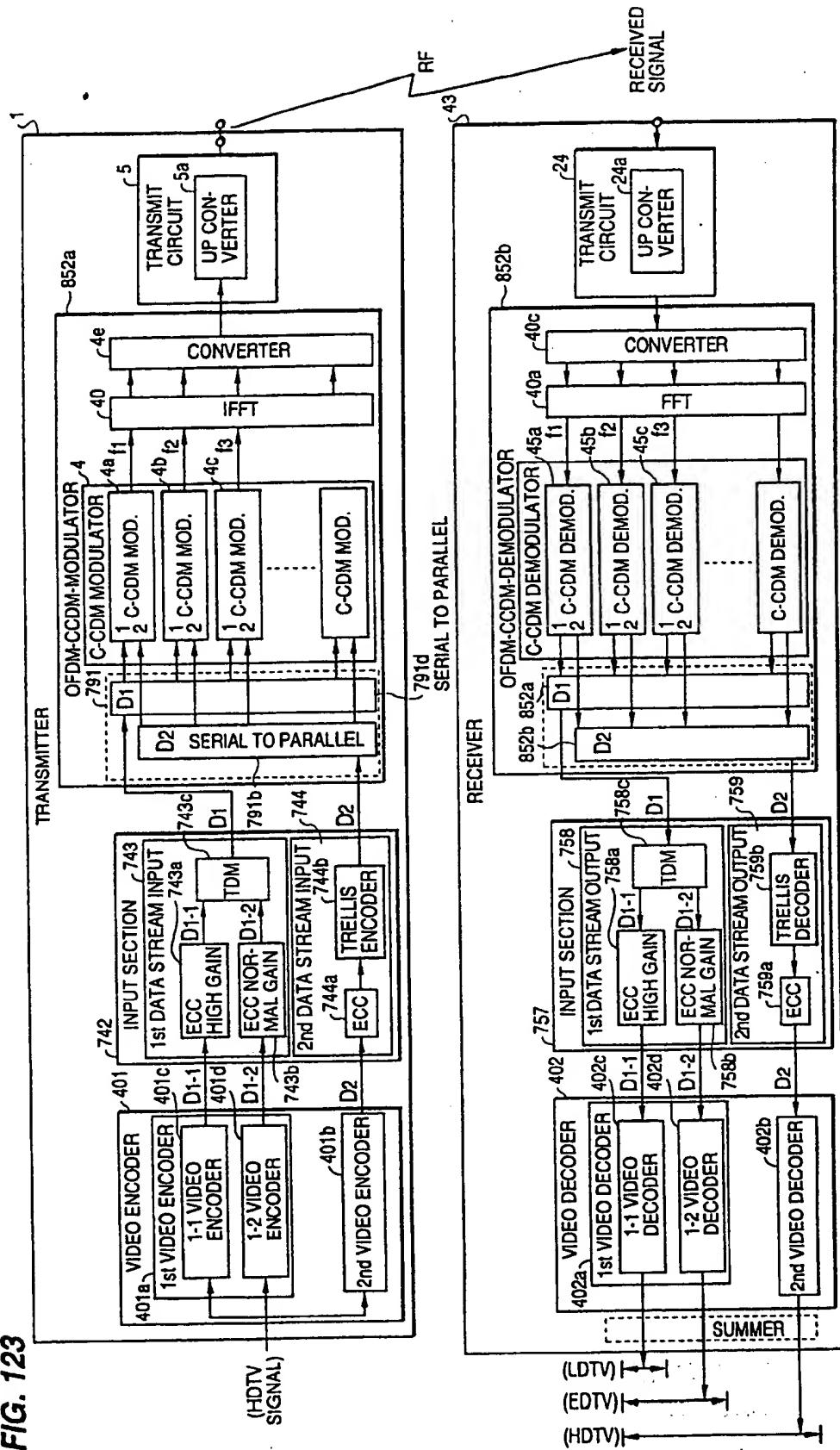
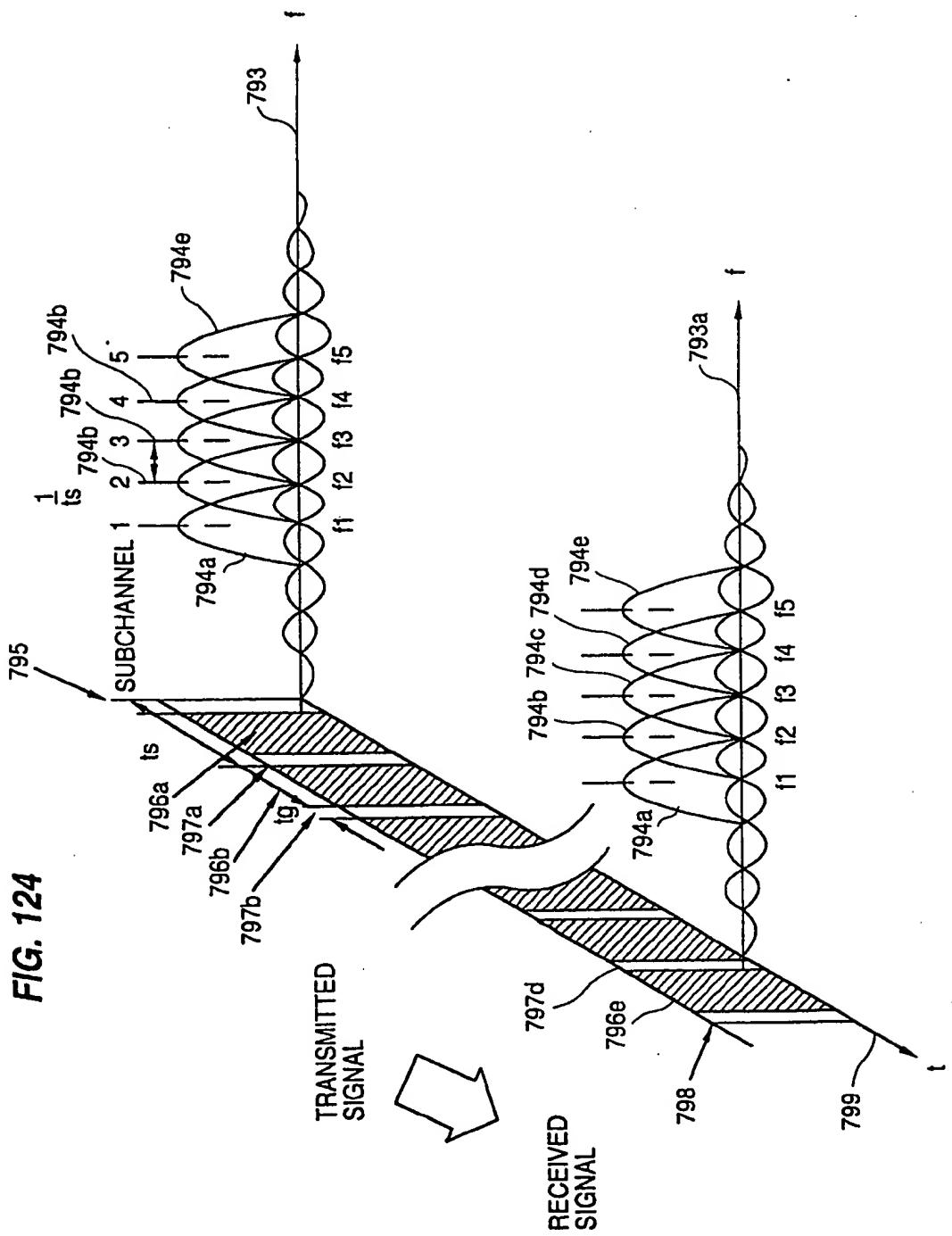
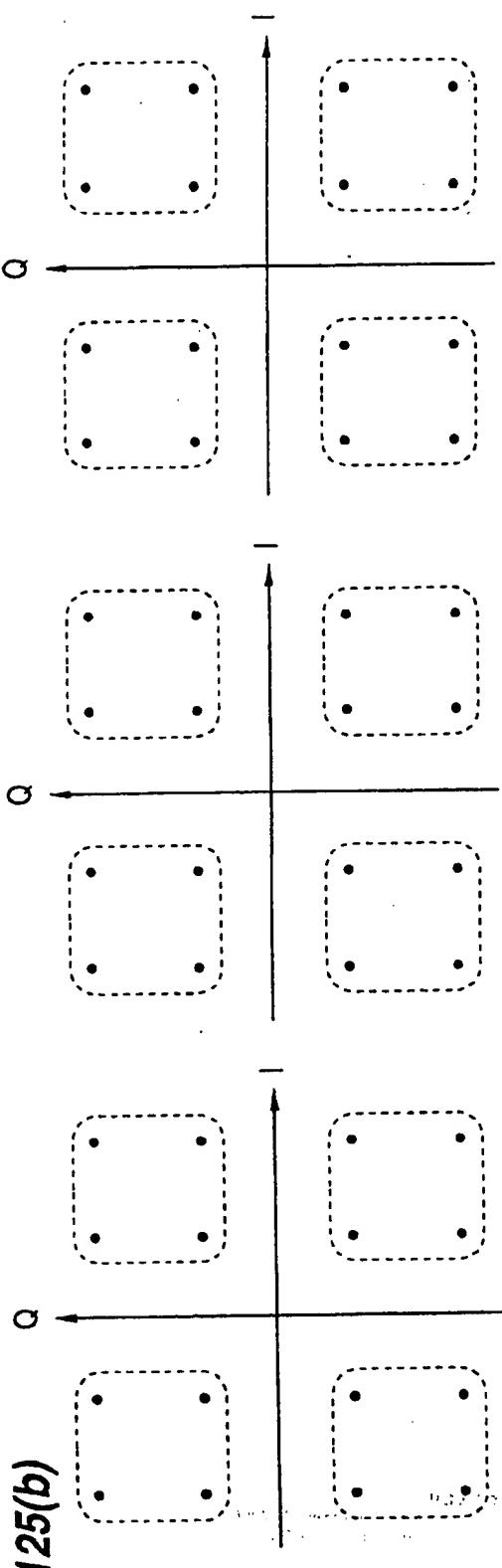
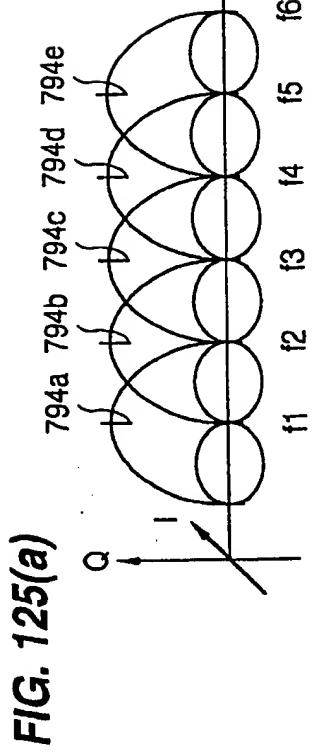


FIG. 122









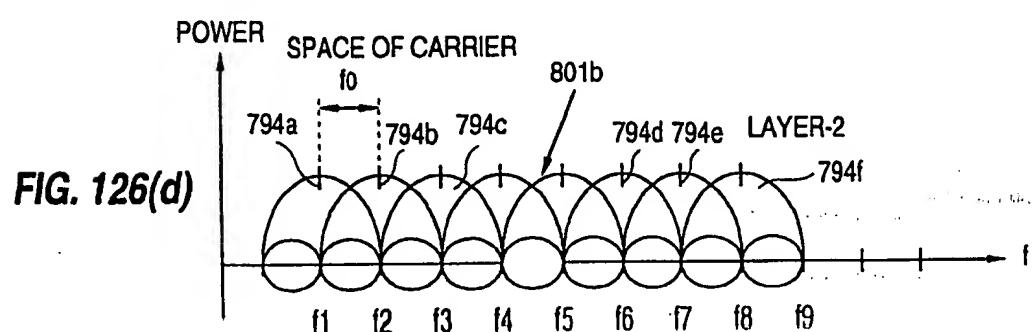
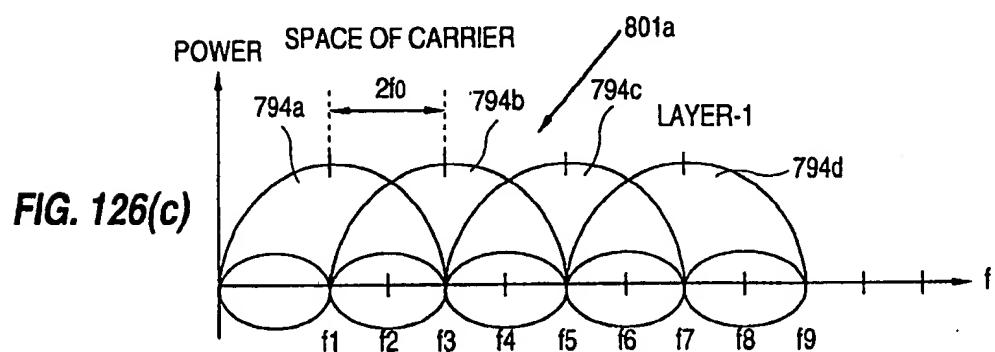
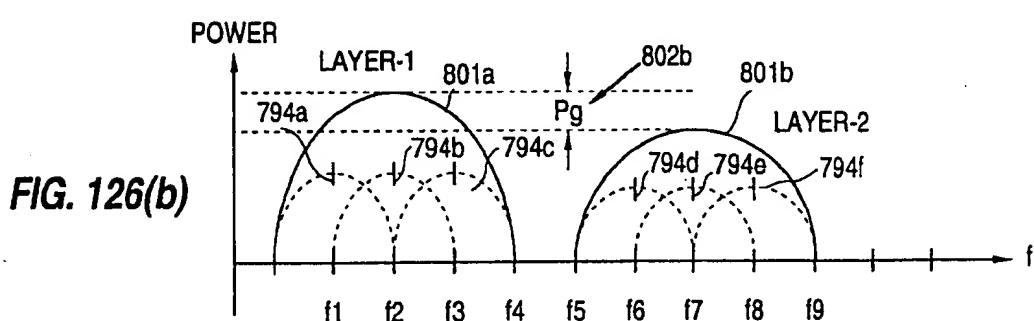
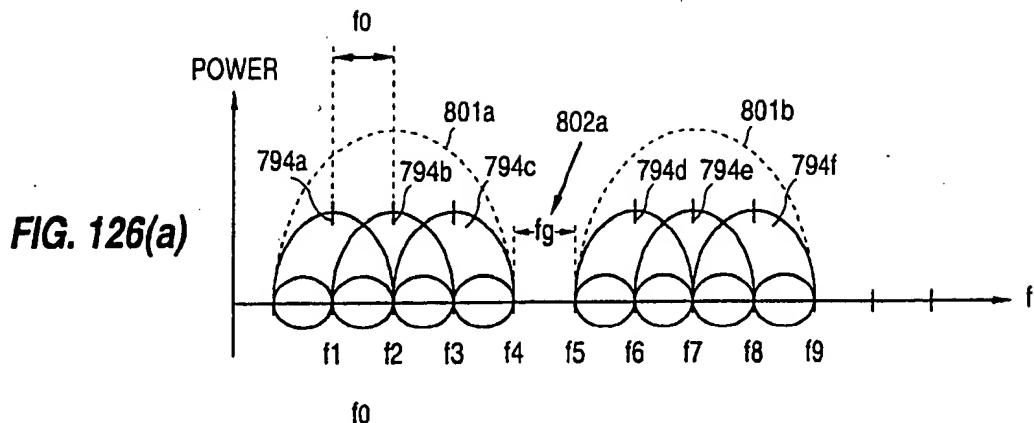


FIG. 127

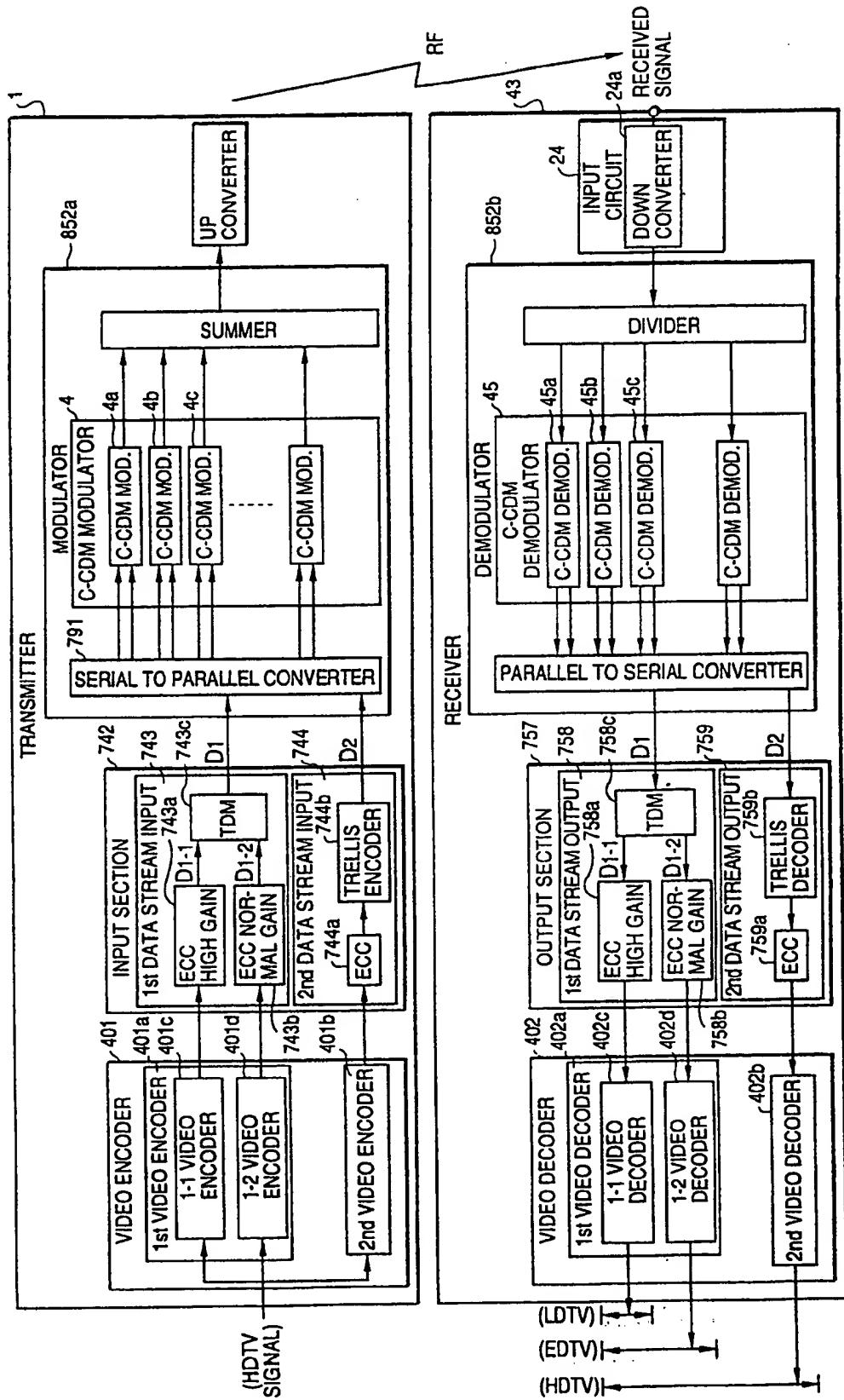


FIG. 128(a)

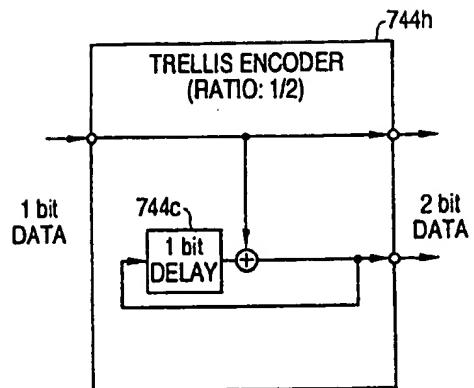


FIG. 128(d)

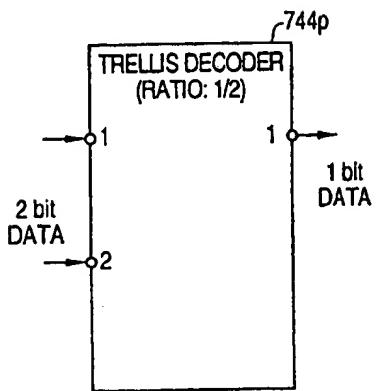


FIG. 128(b)

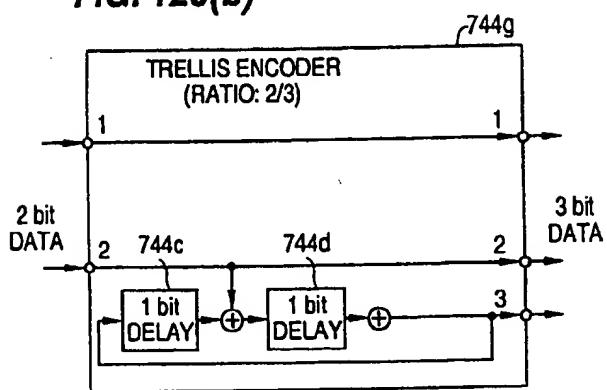


FIG. 128(e)

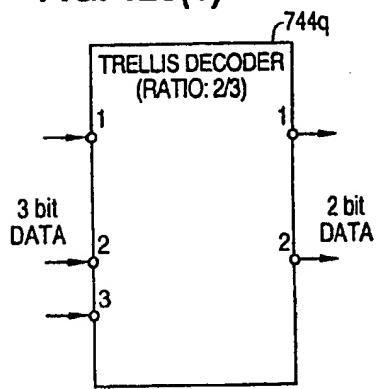


FIG. 128(c)

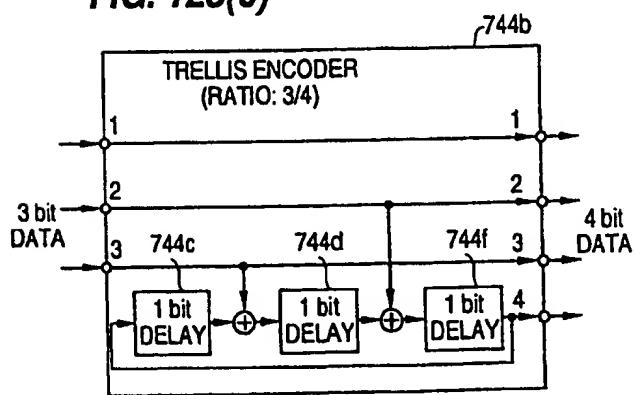


FIG. 128(f)

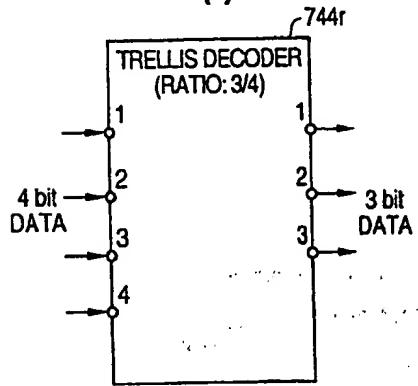


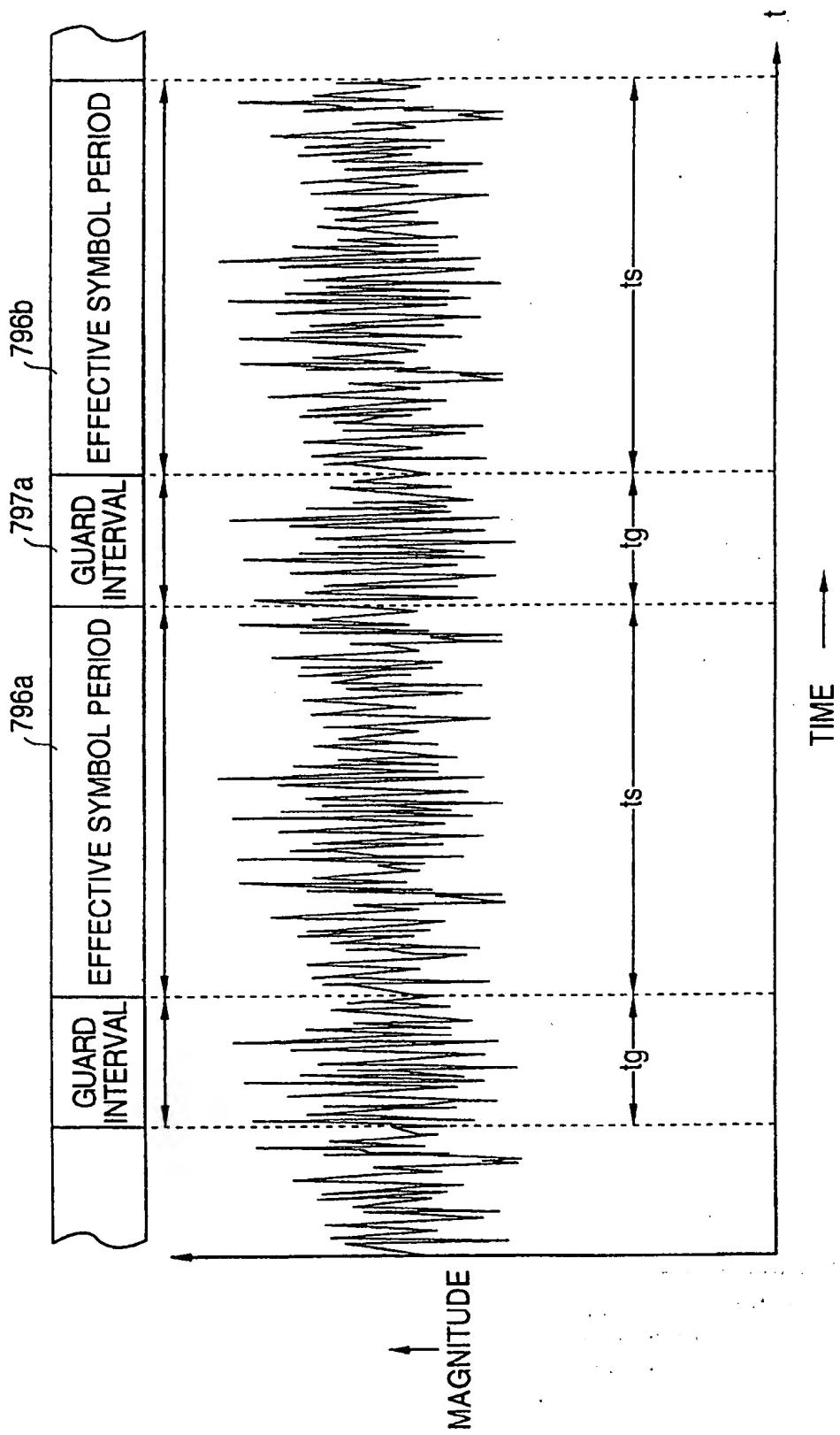
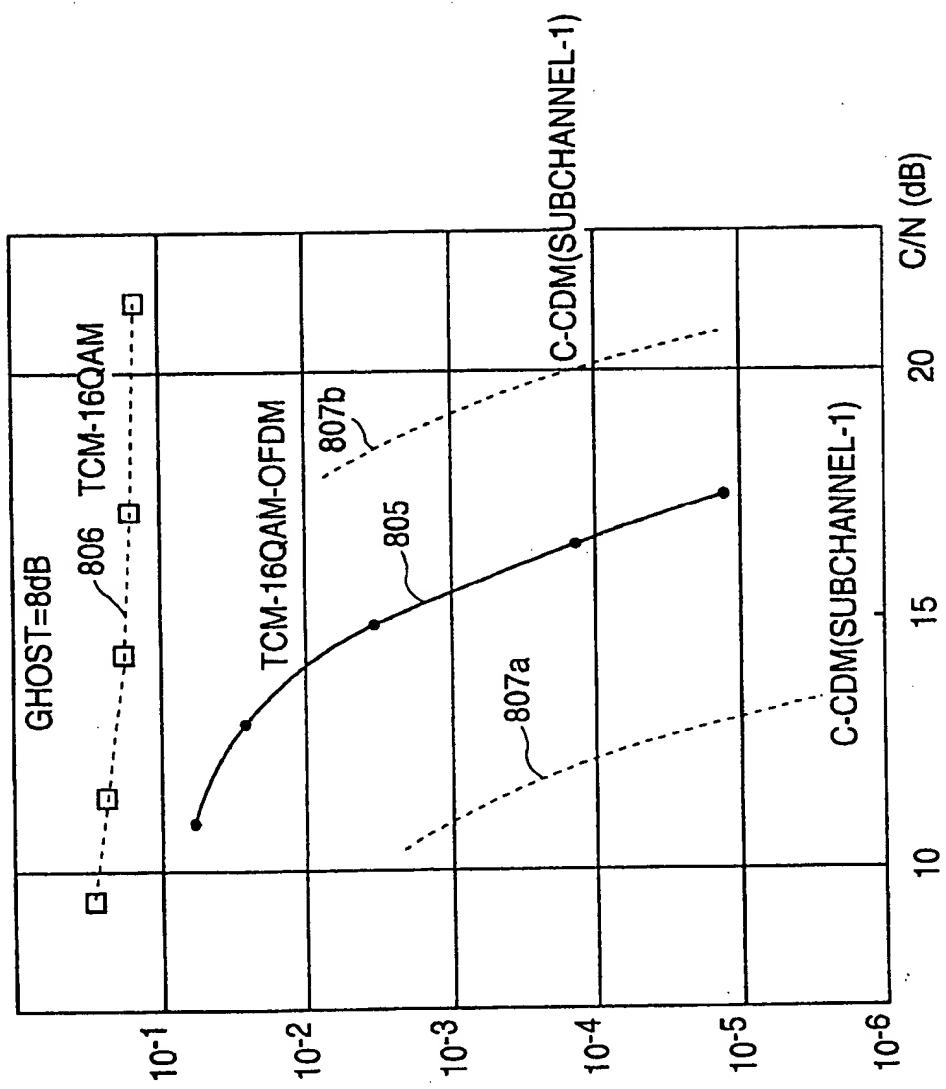
FIG. 129

FIG. 130



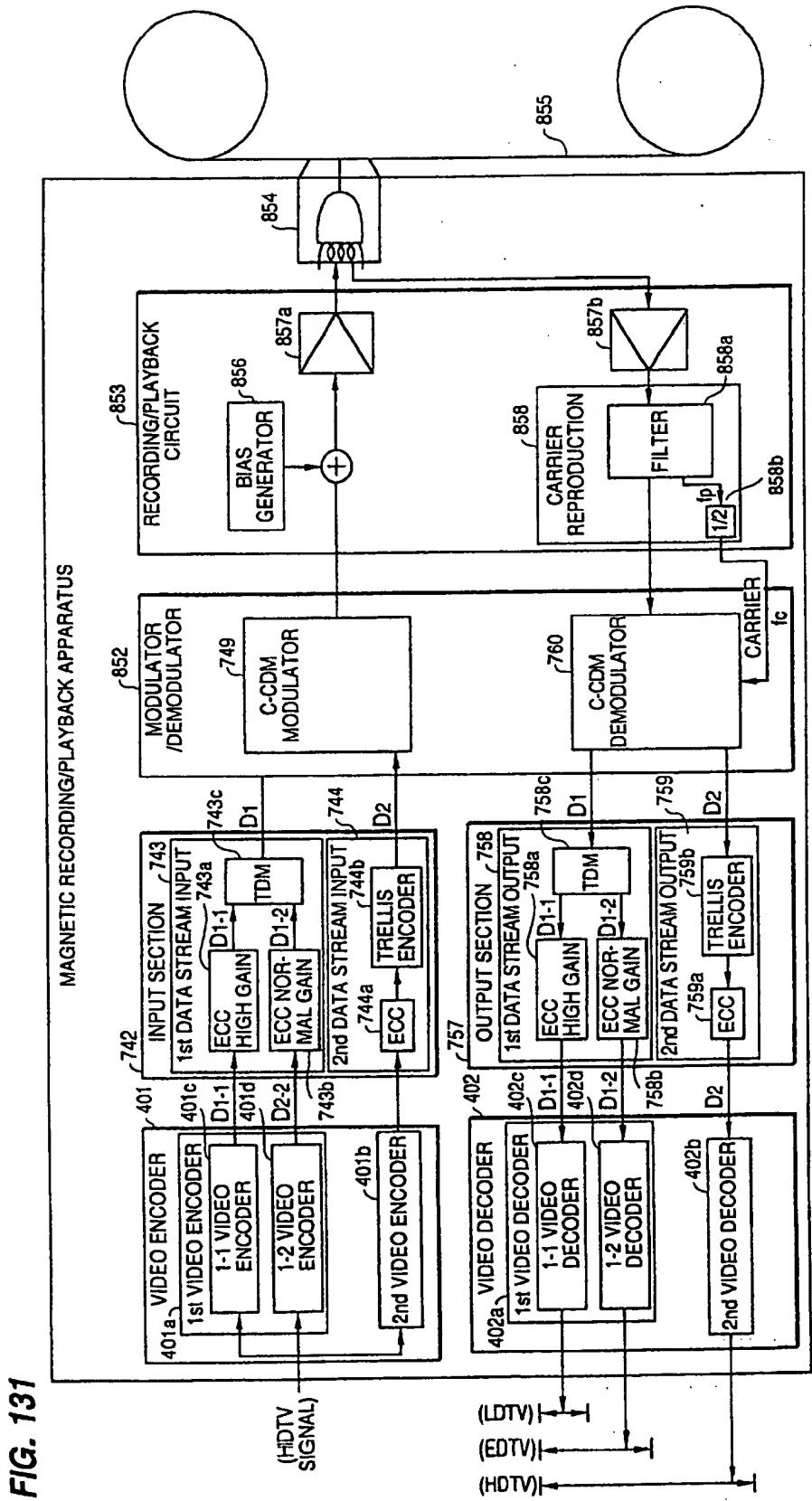


FIG. 131

FIG. 132

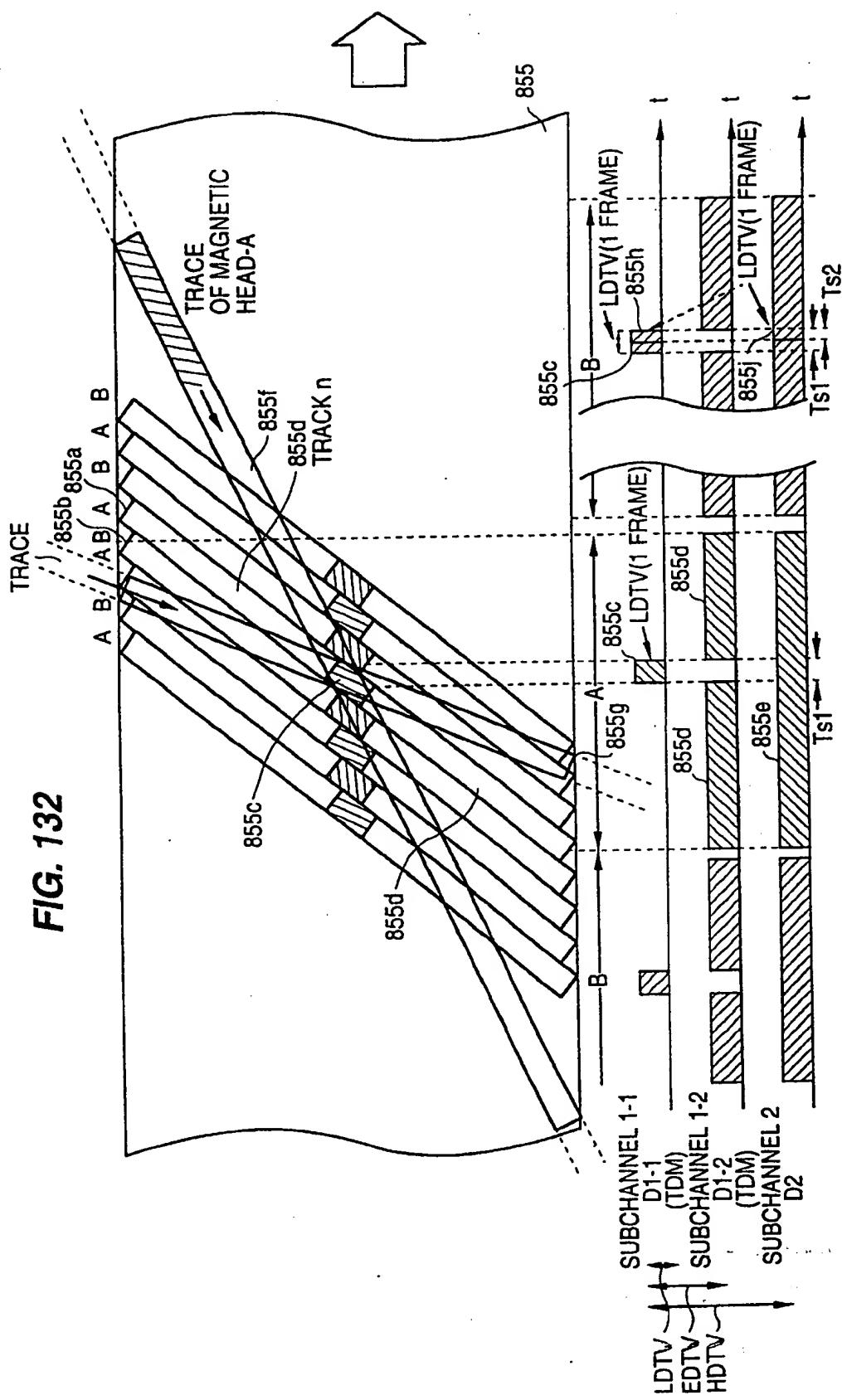


FIG. 133

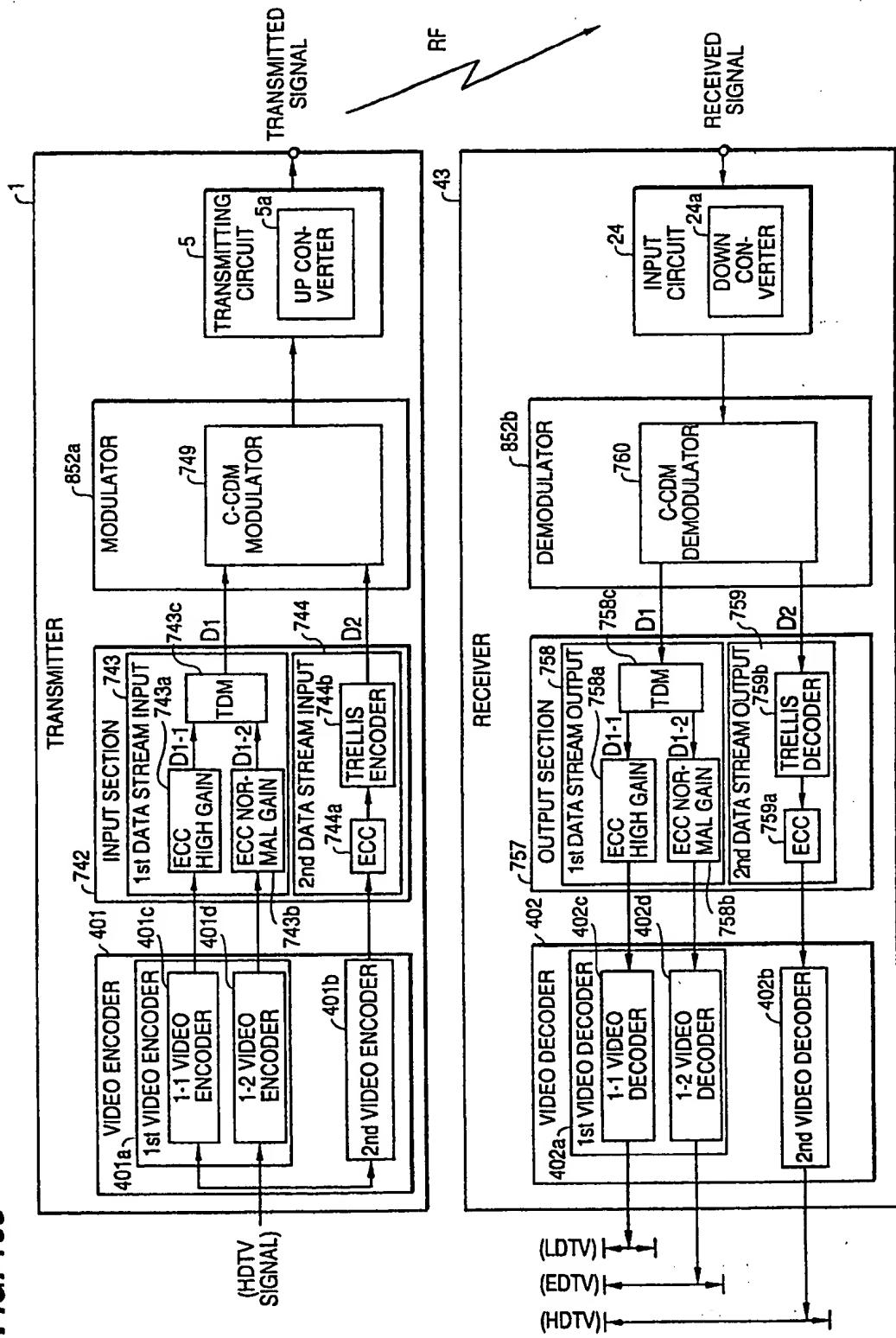


FIG. 134

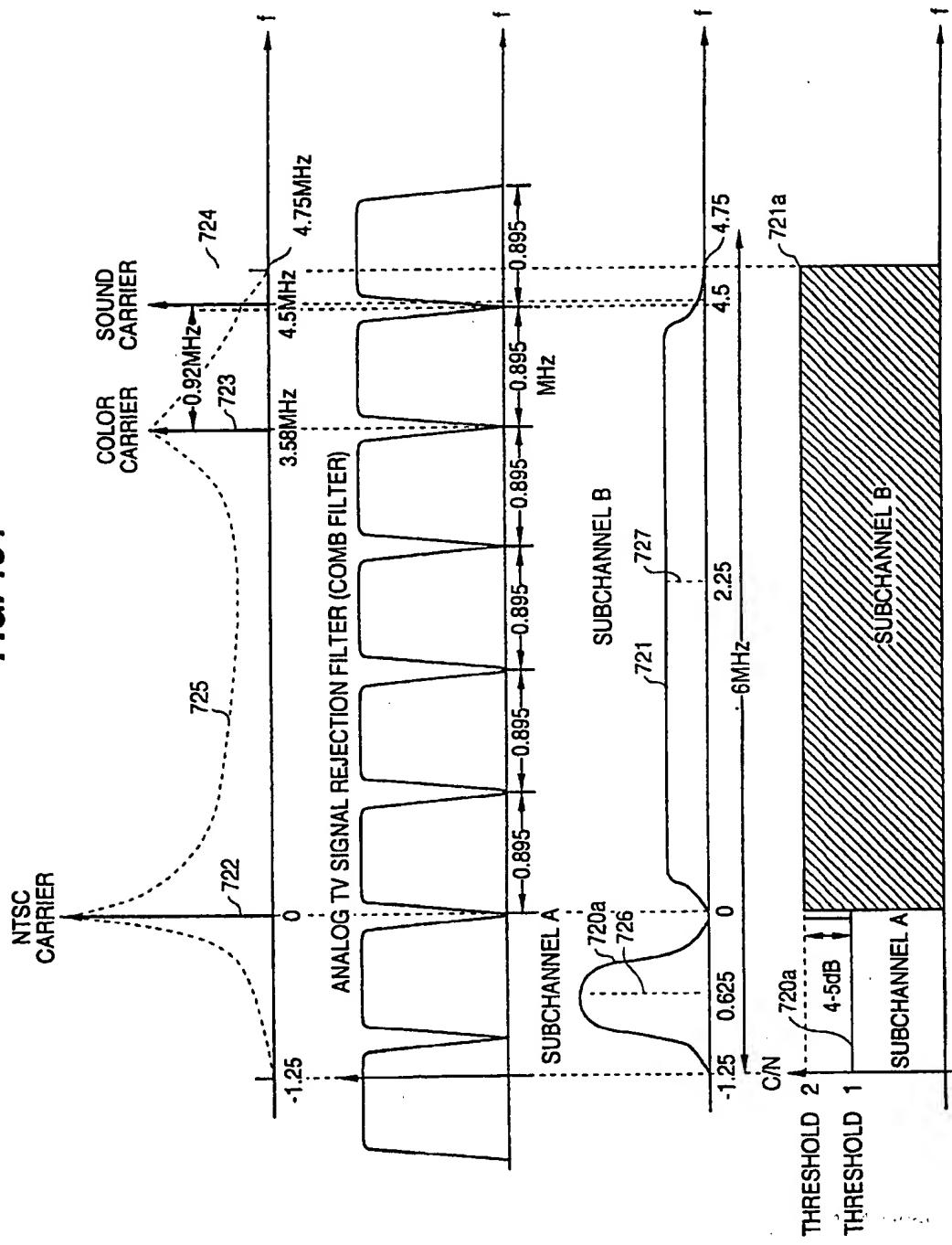


FIG. 135

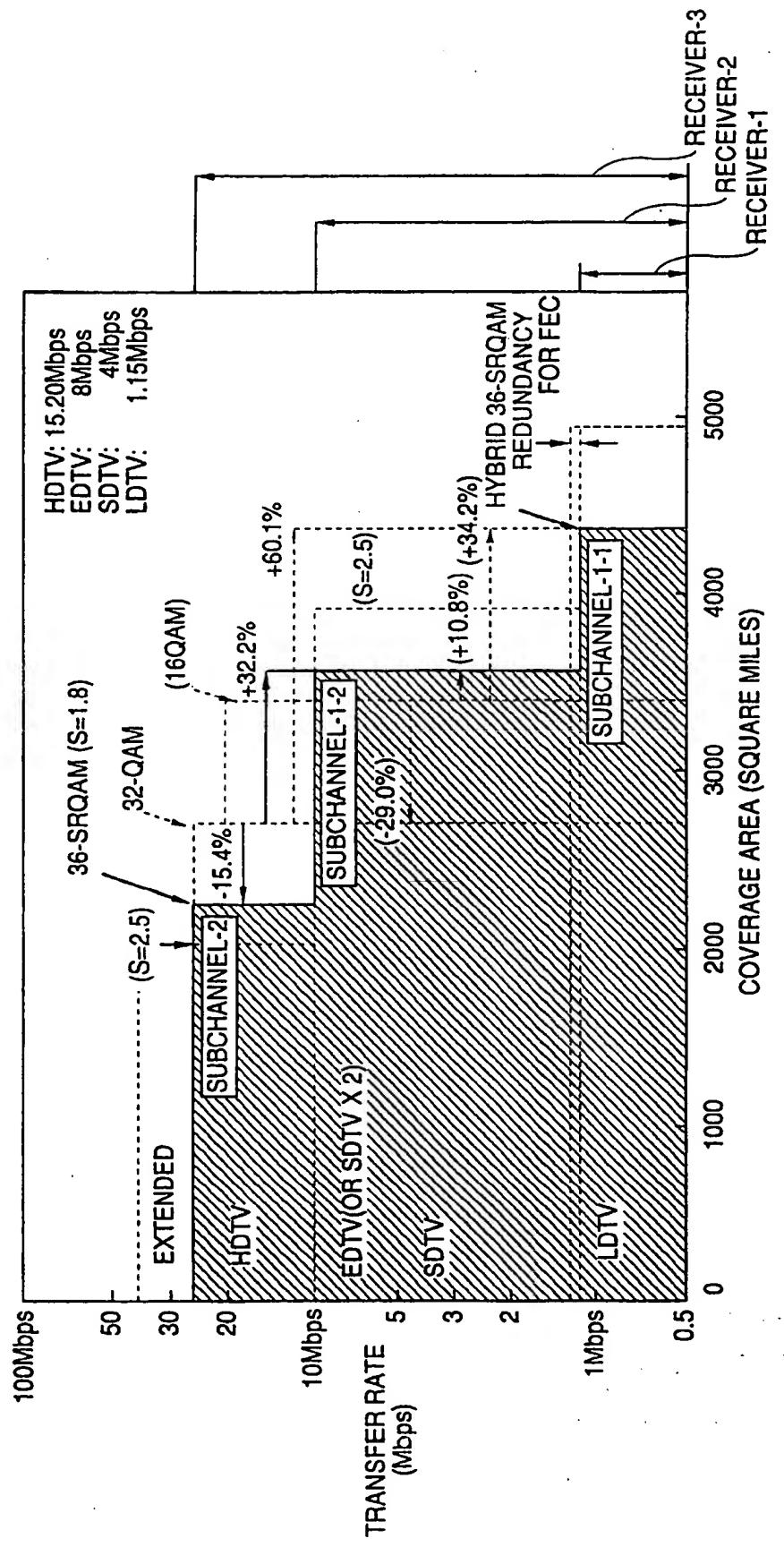
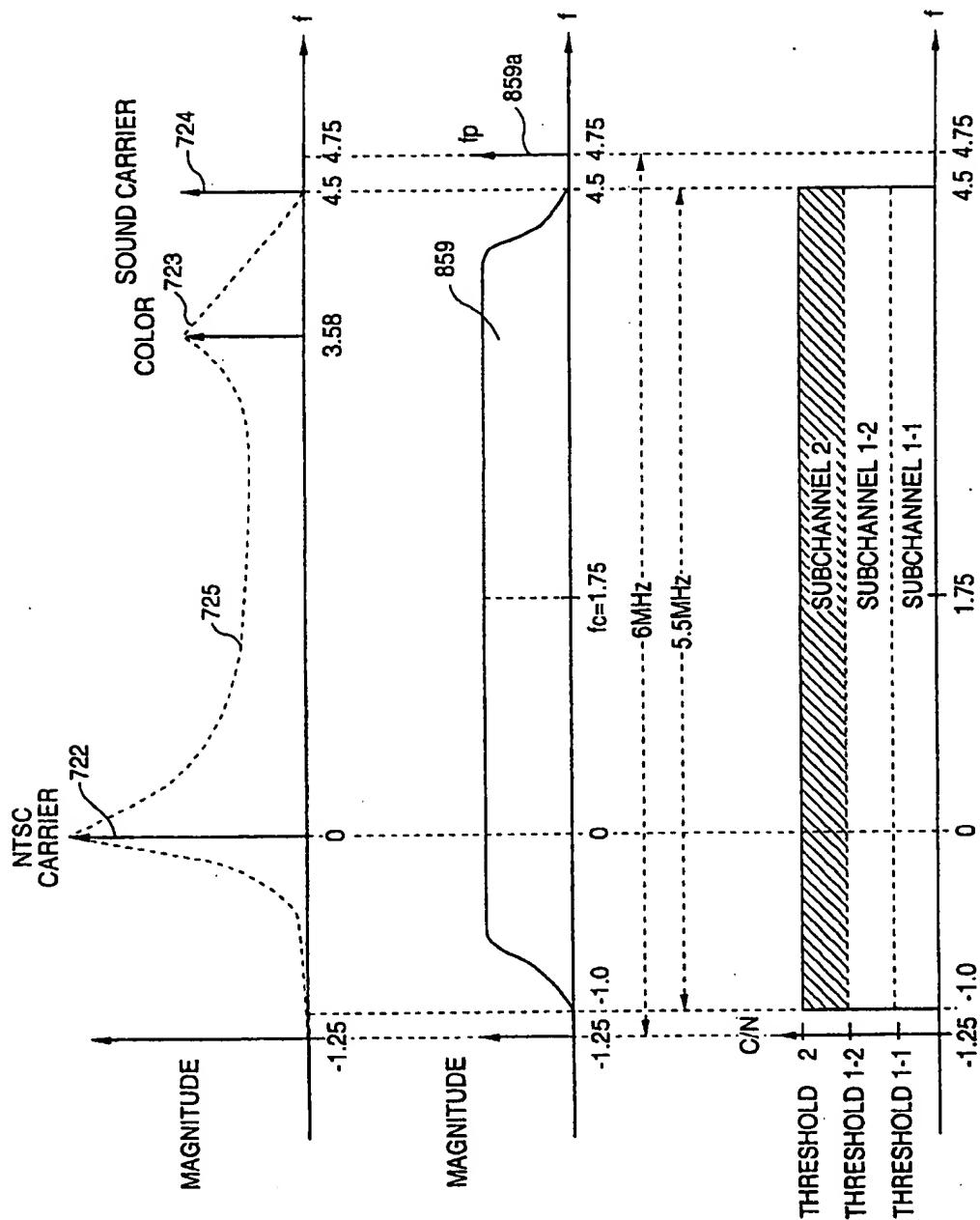


FIG. 136



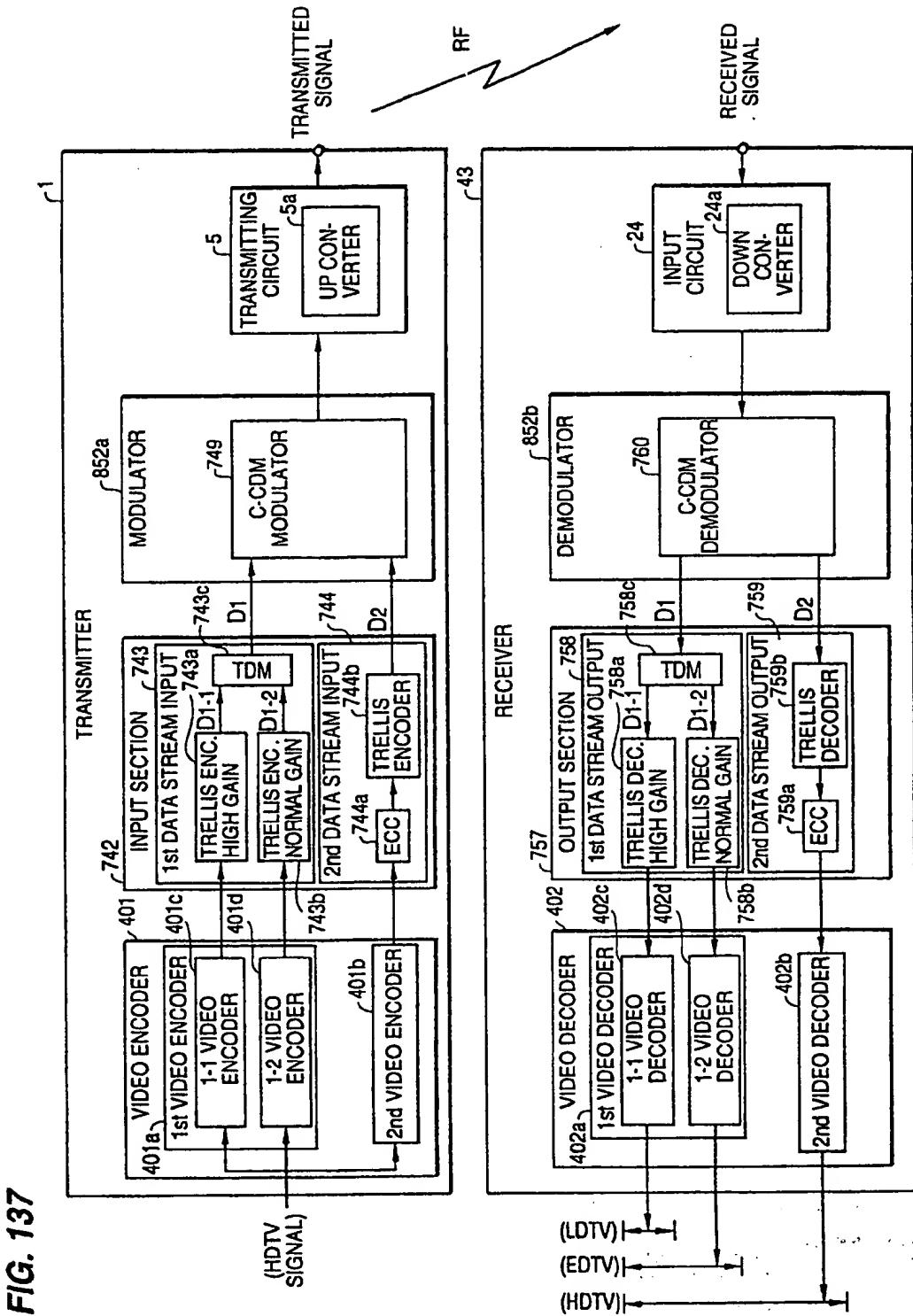


FIG. 137

FIG. 138

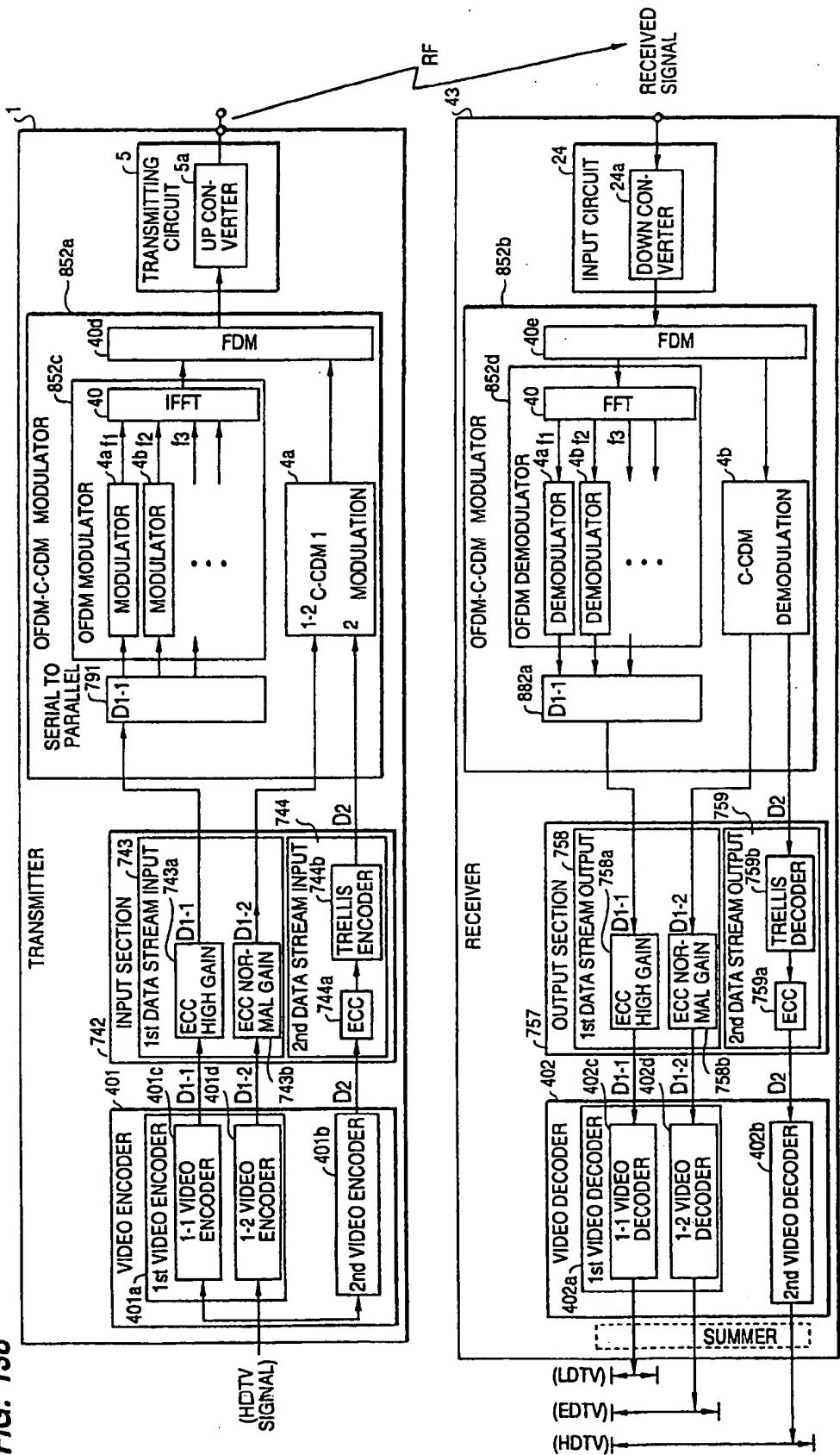


FIG. 139

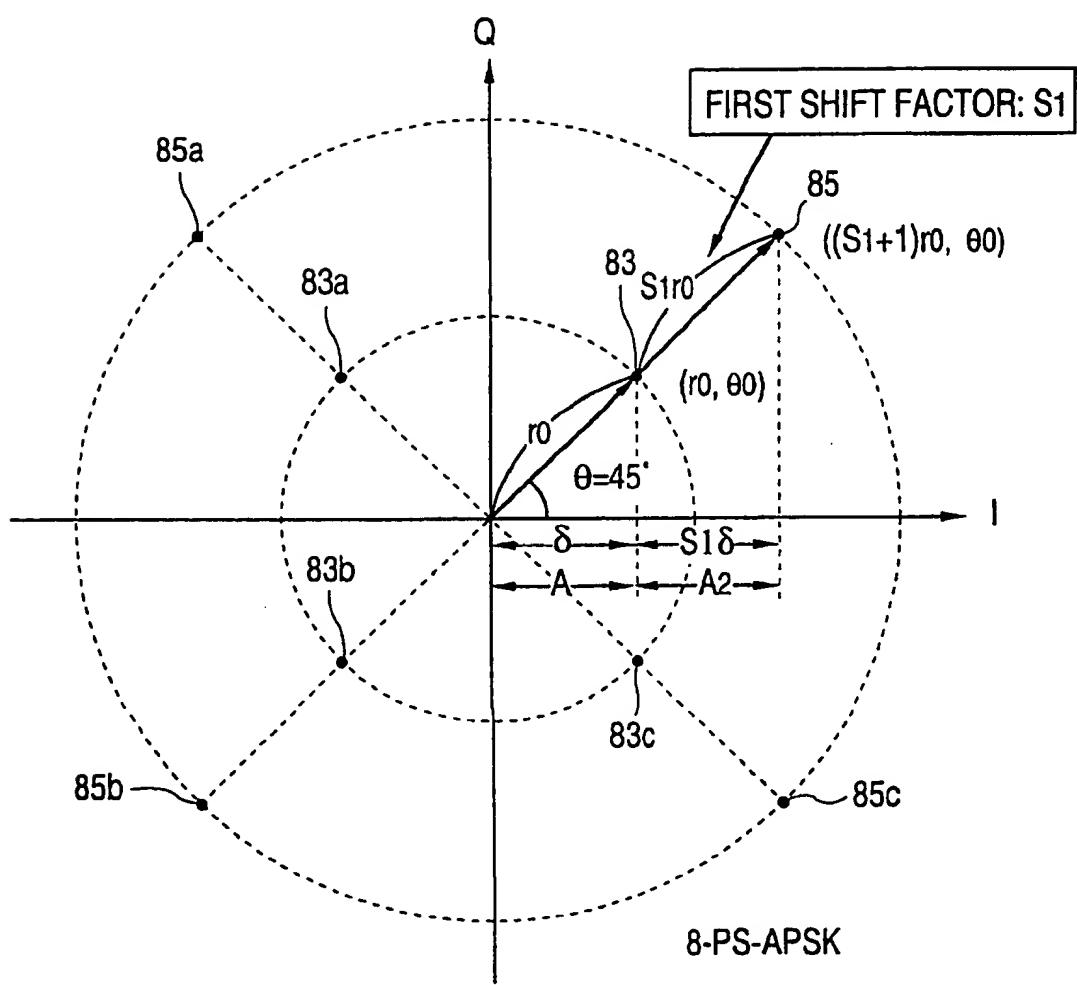


FIG. 140

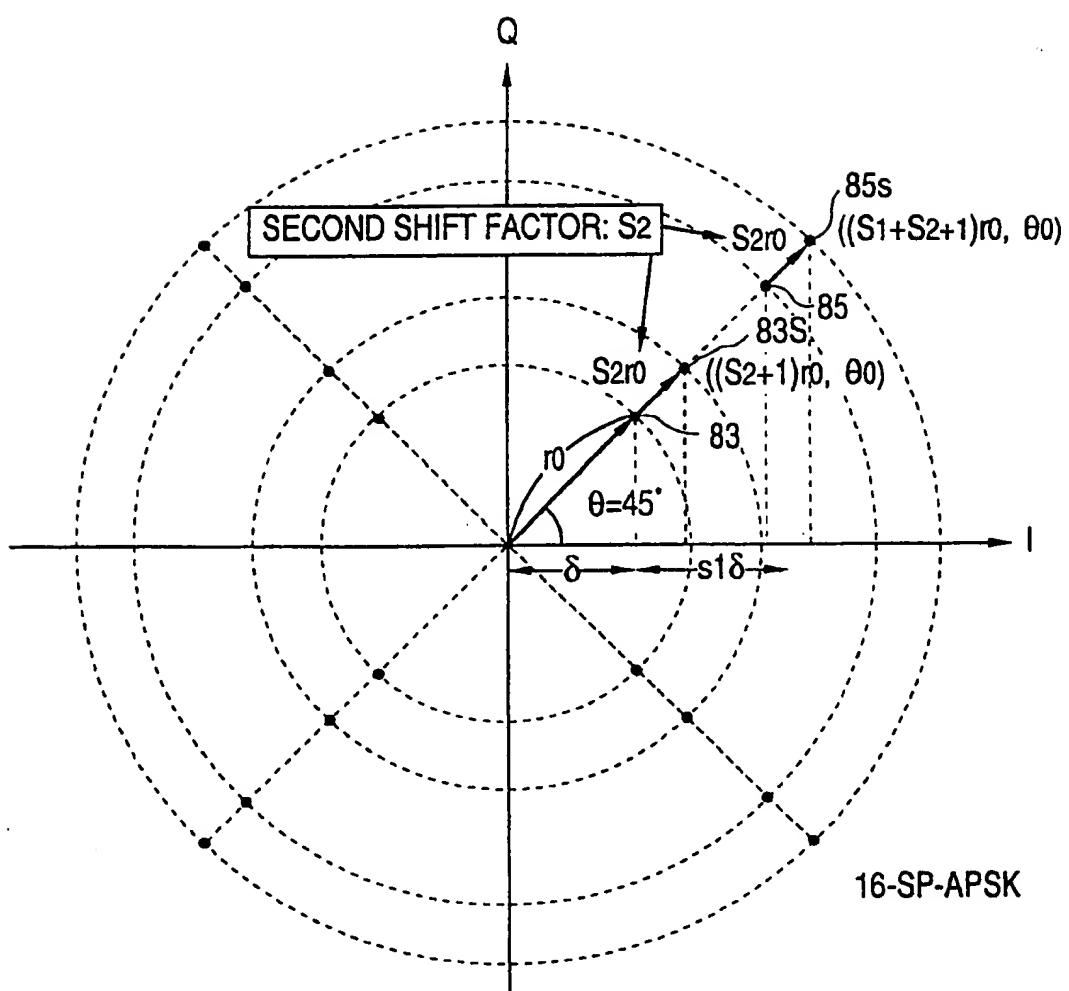


FIG. 141

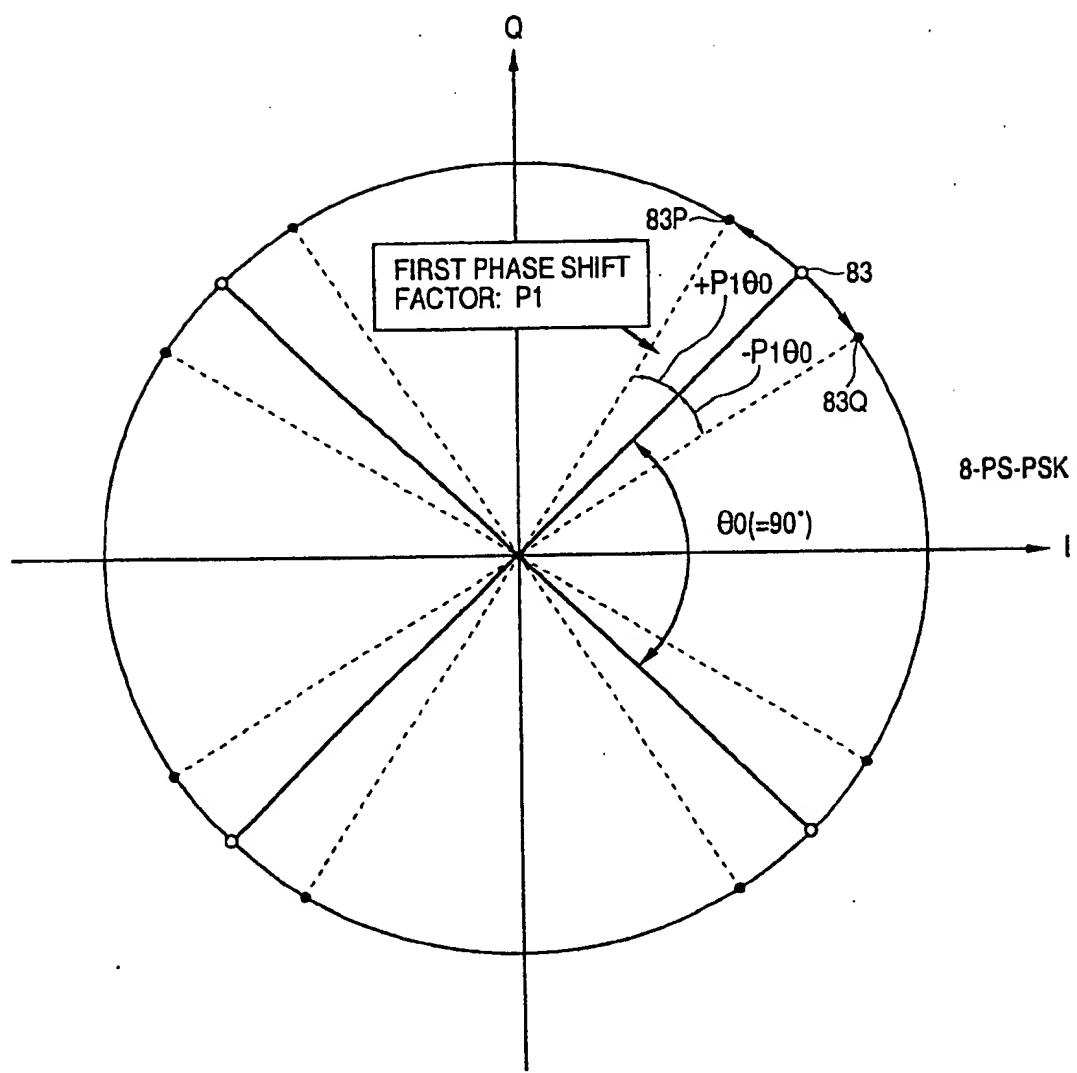


FIG. 142

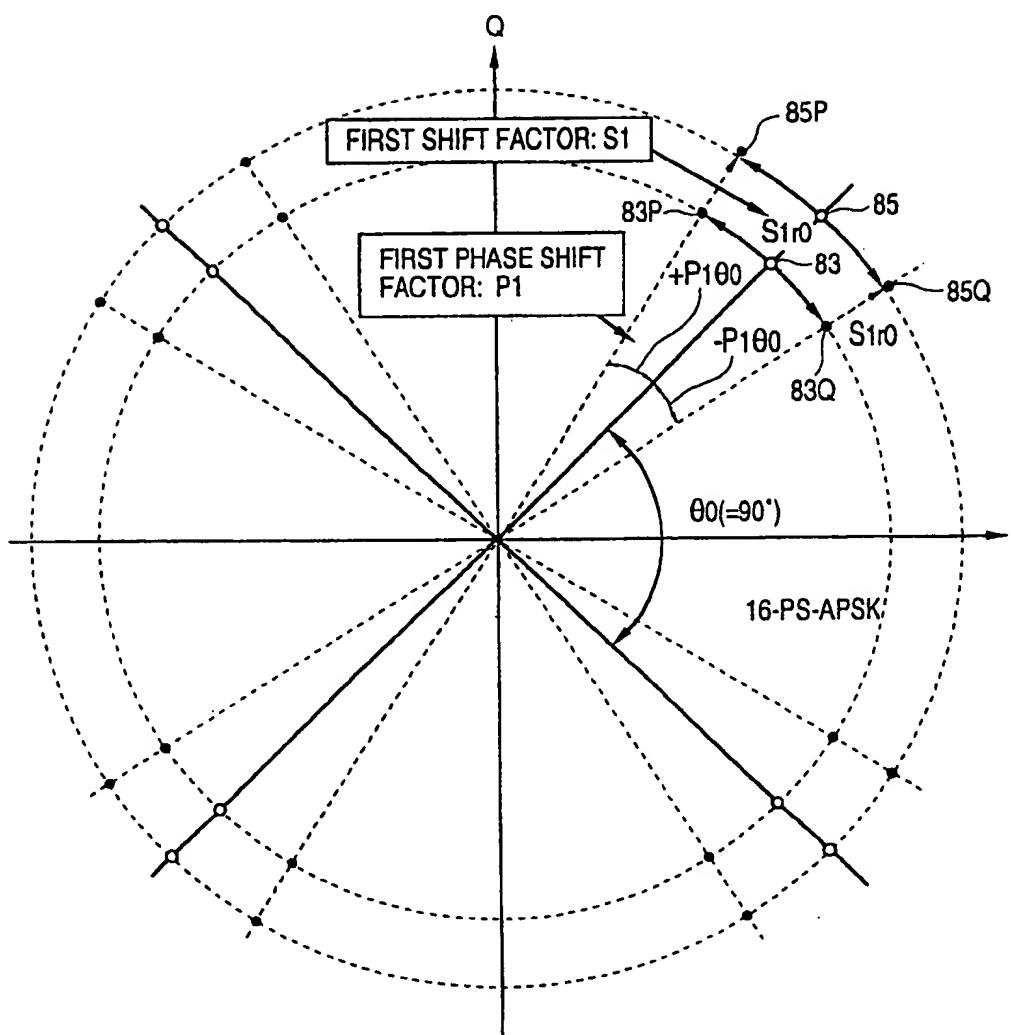
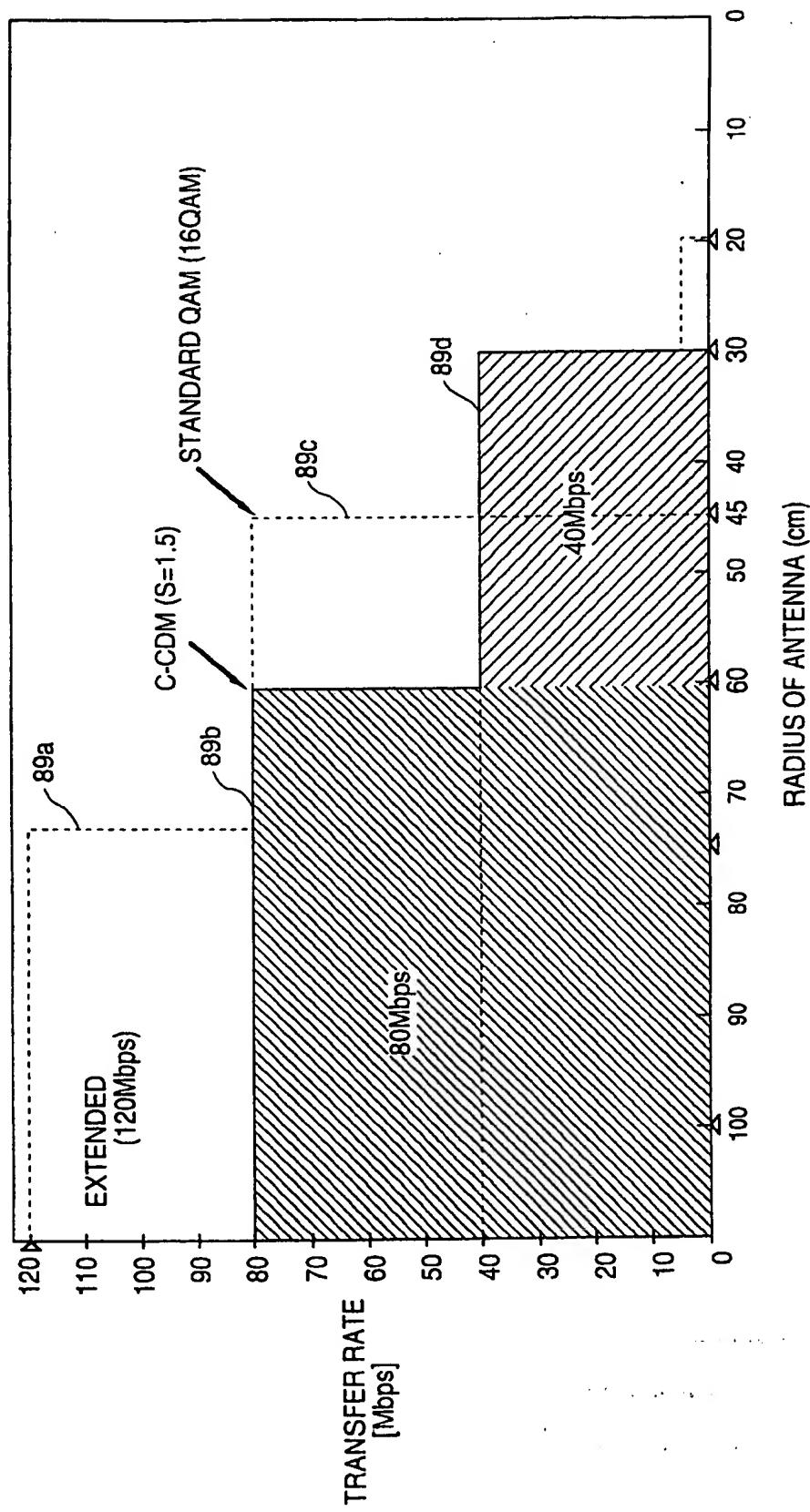


FIG. 143



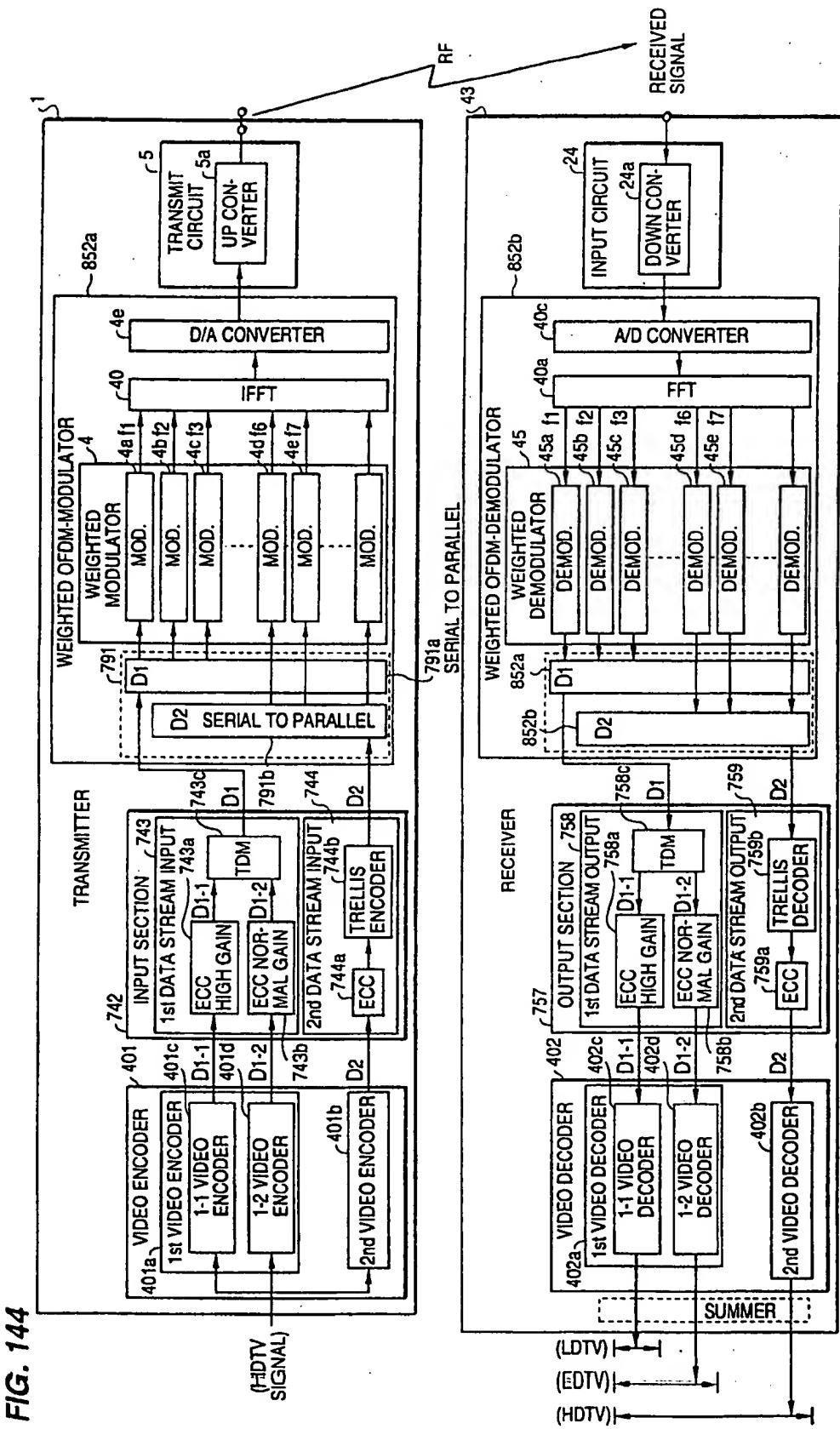


FIG. 144

FIG. 145(a)

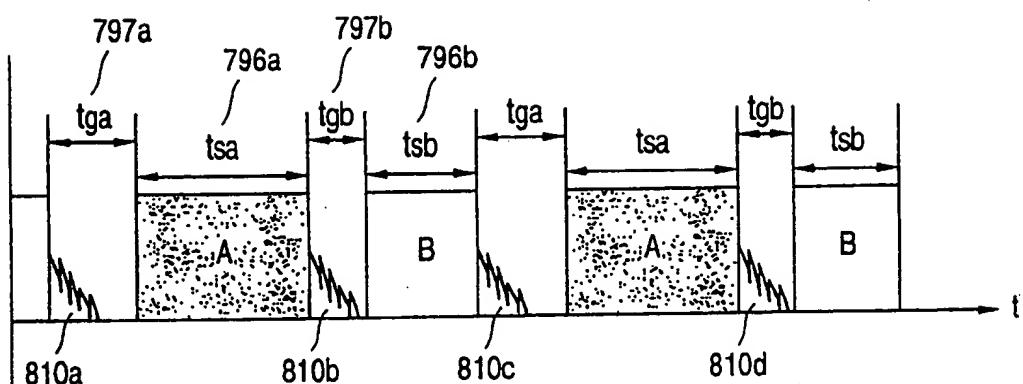
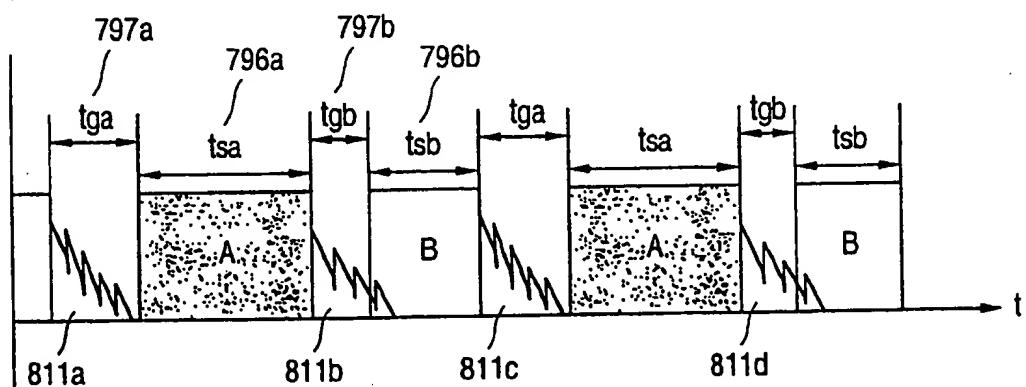


FIG. 145(b)



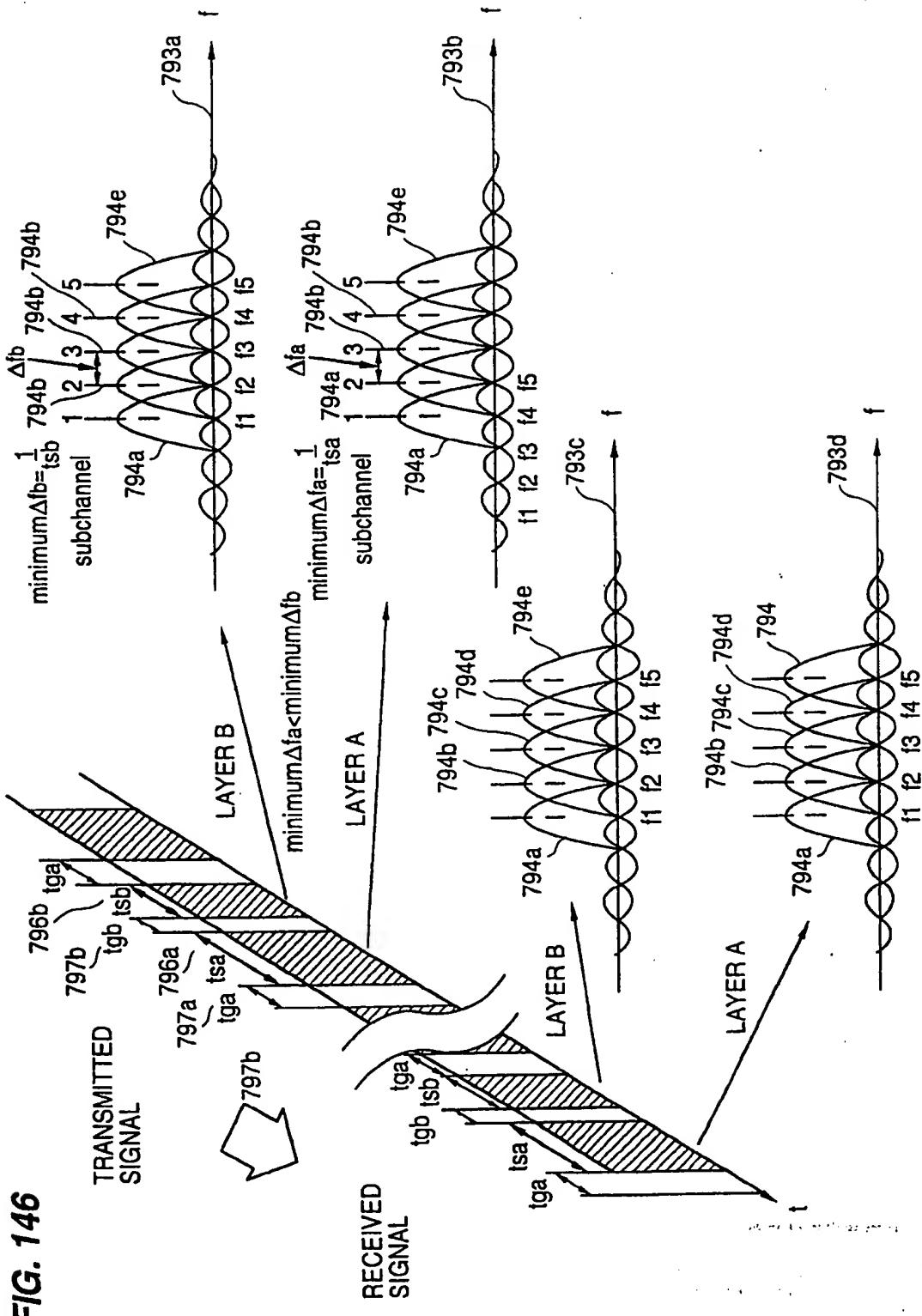


FIG. 147

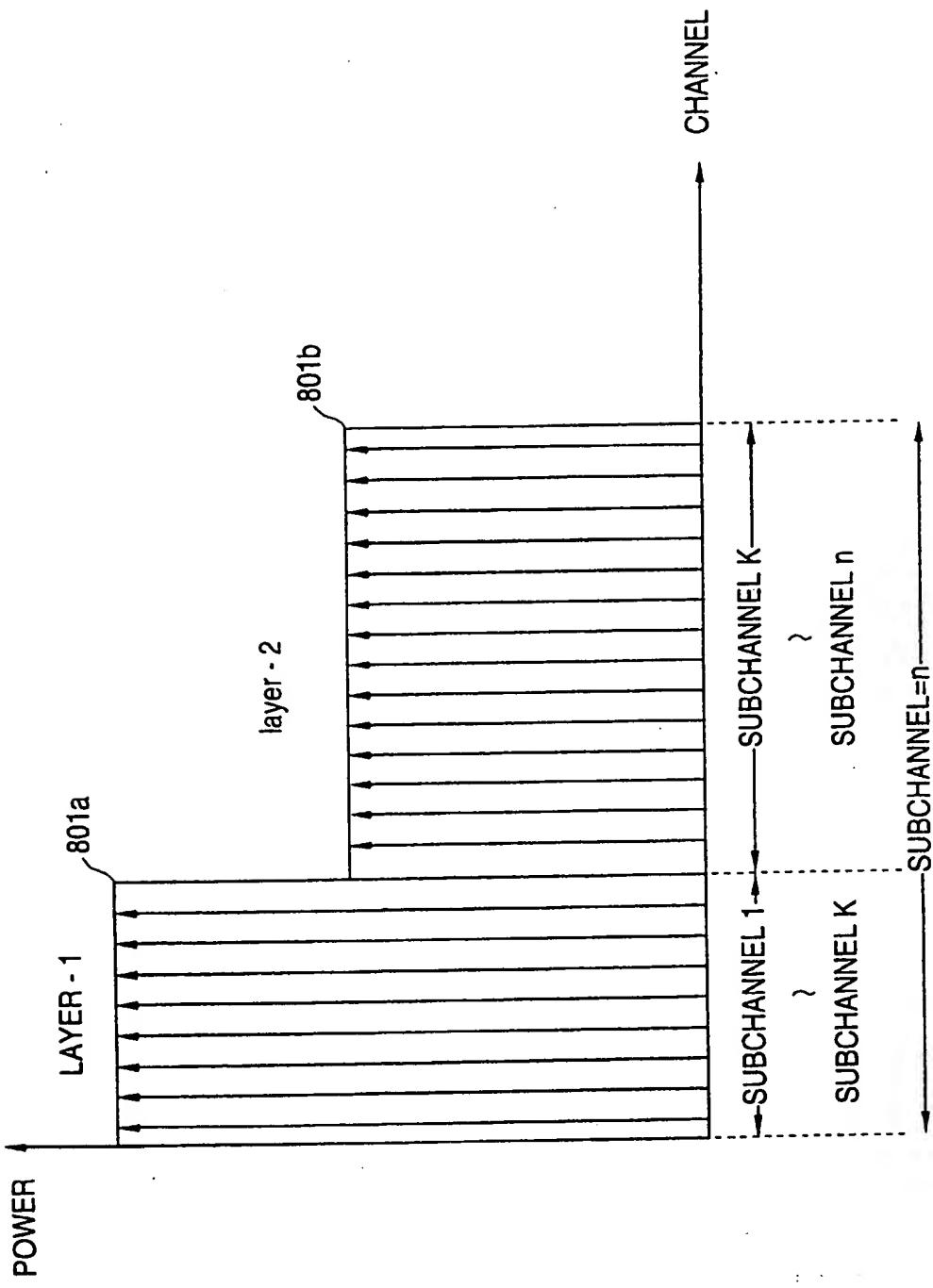
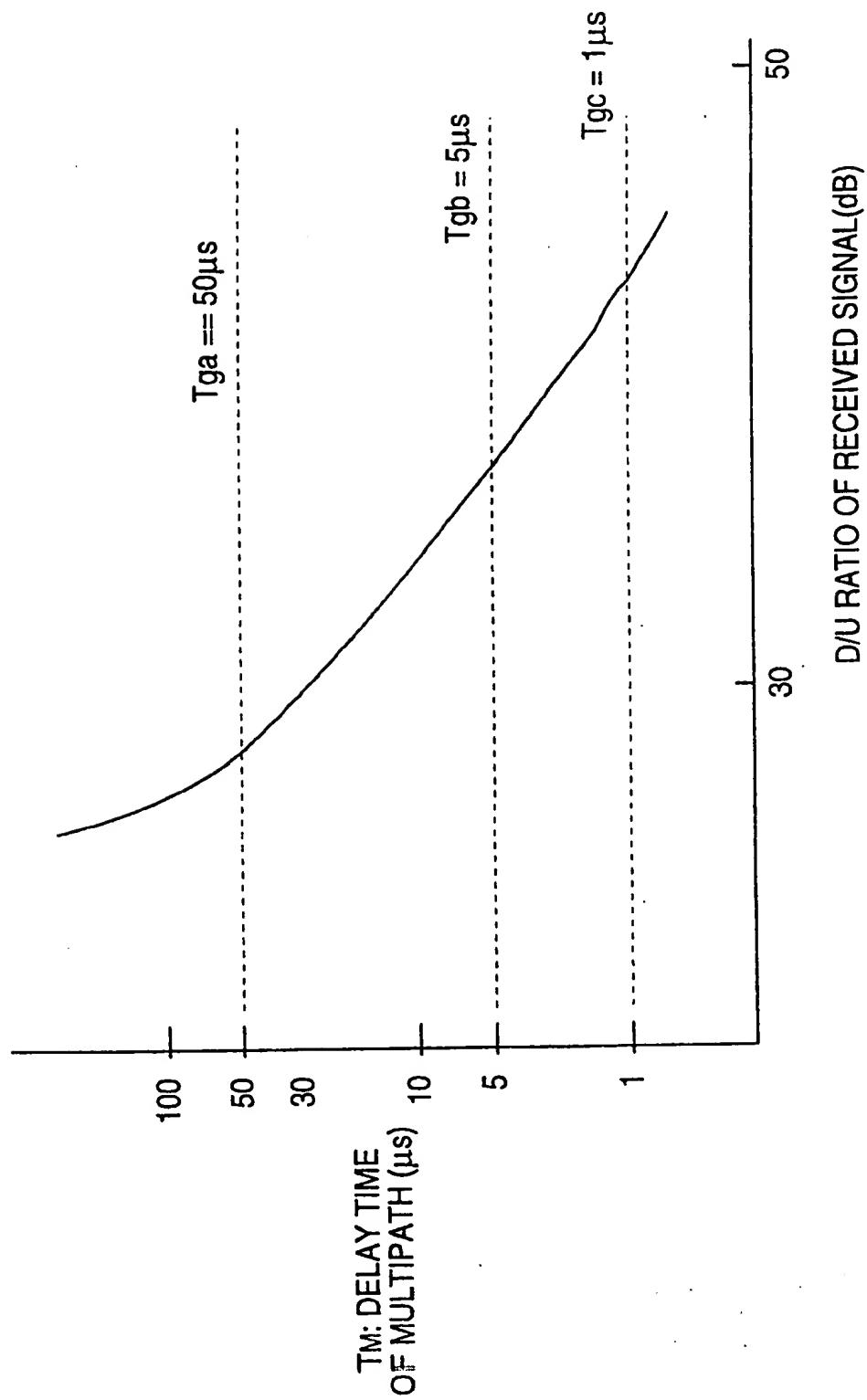


FIG. 148



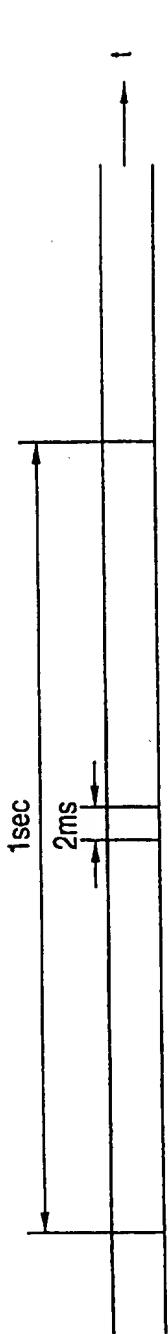


FIG. 149(a)

FIG. 149(b)

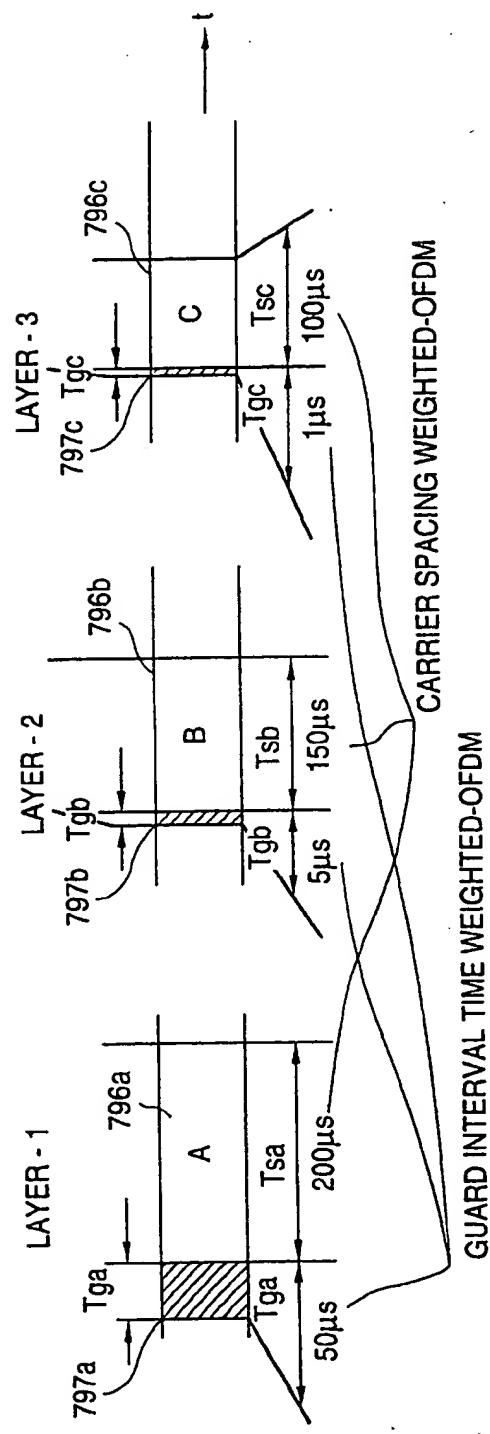
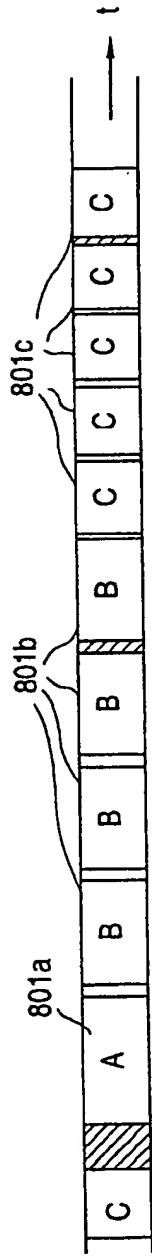


FIG. 149(c)

FIG. 150

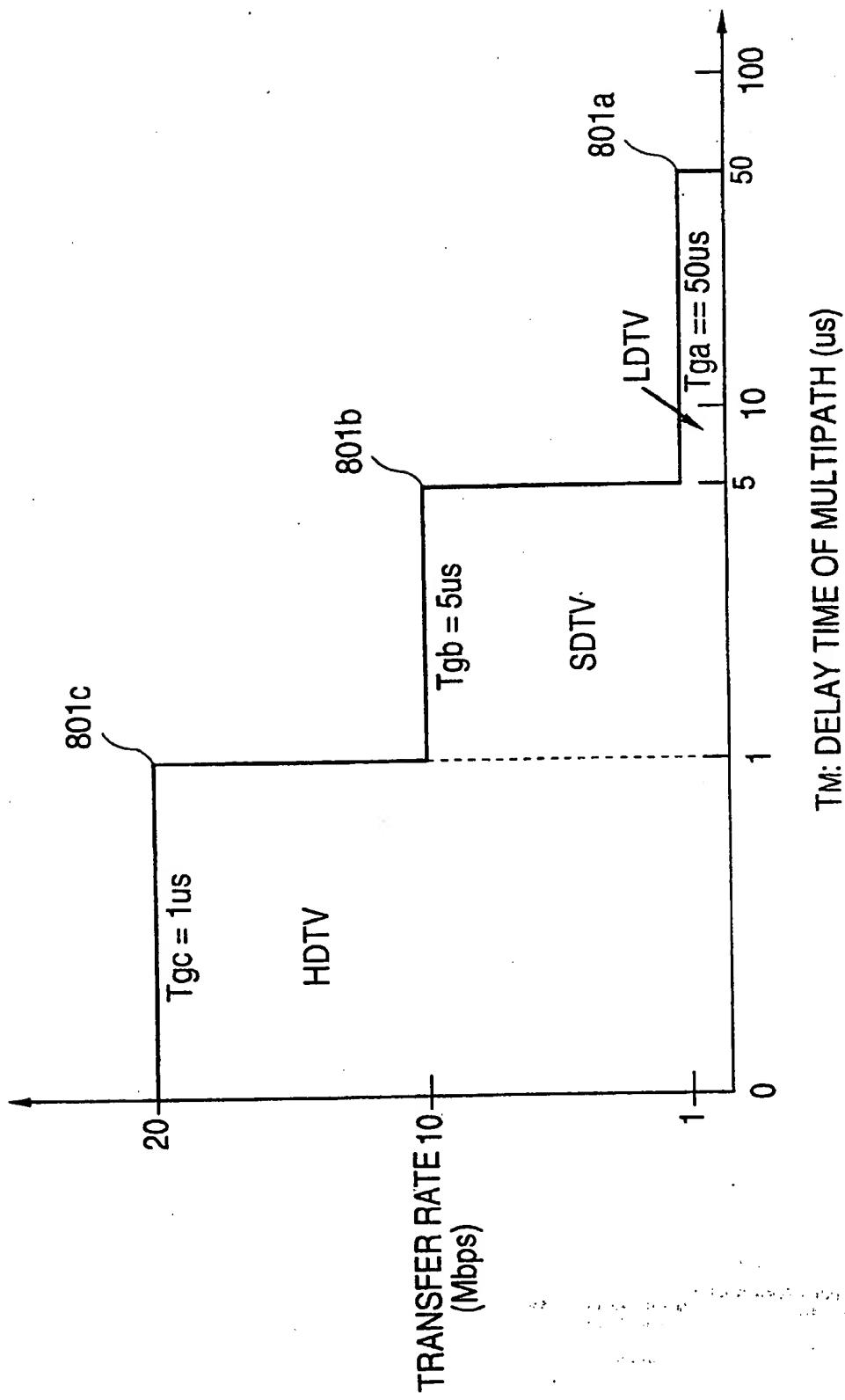


FIG. 151

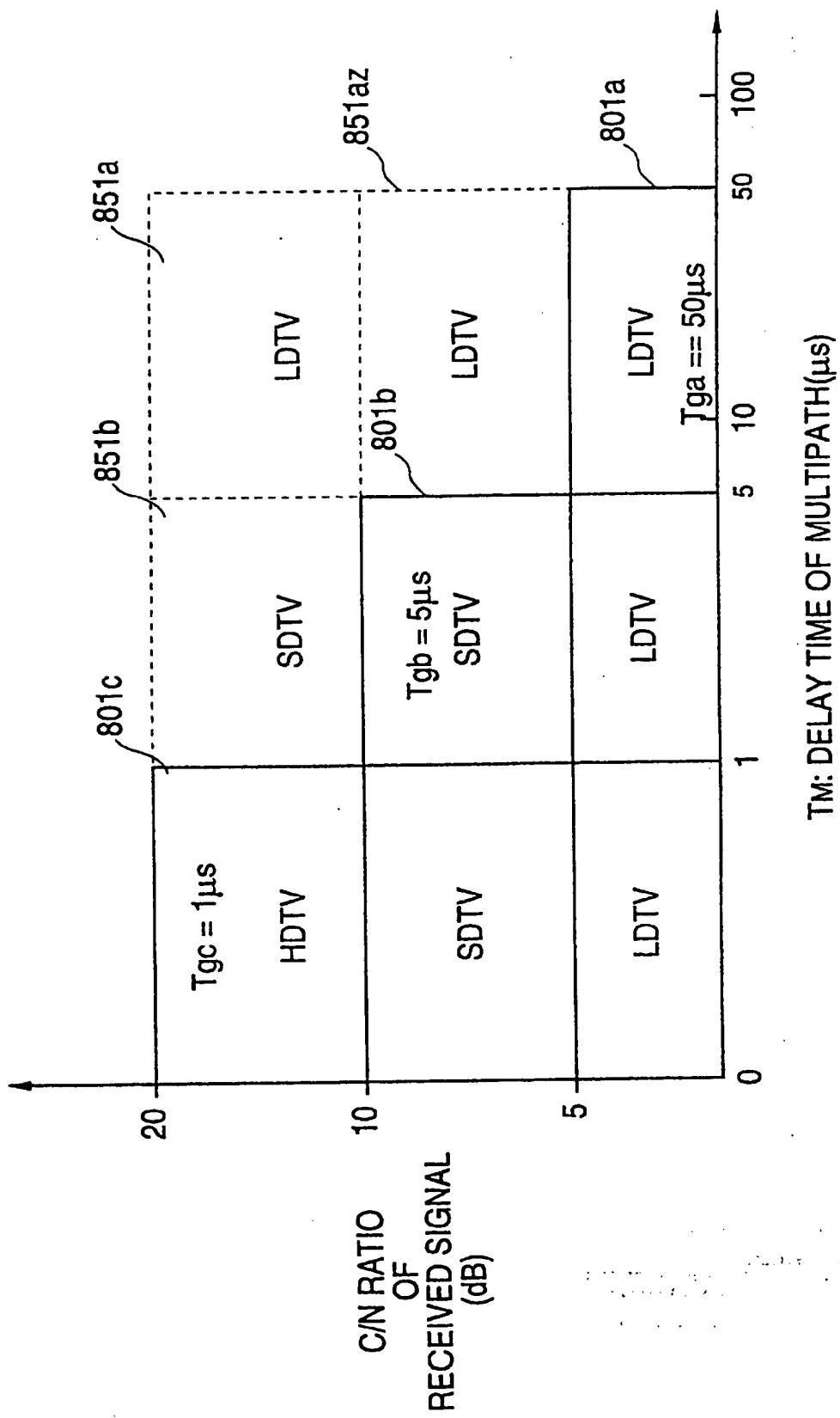


FIG. 152

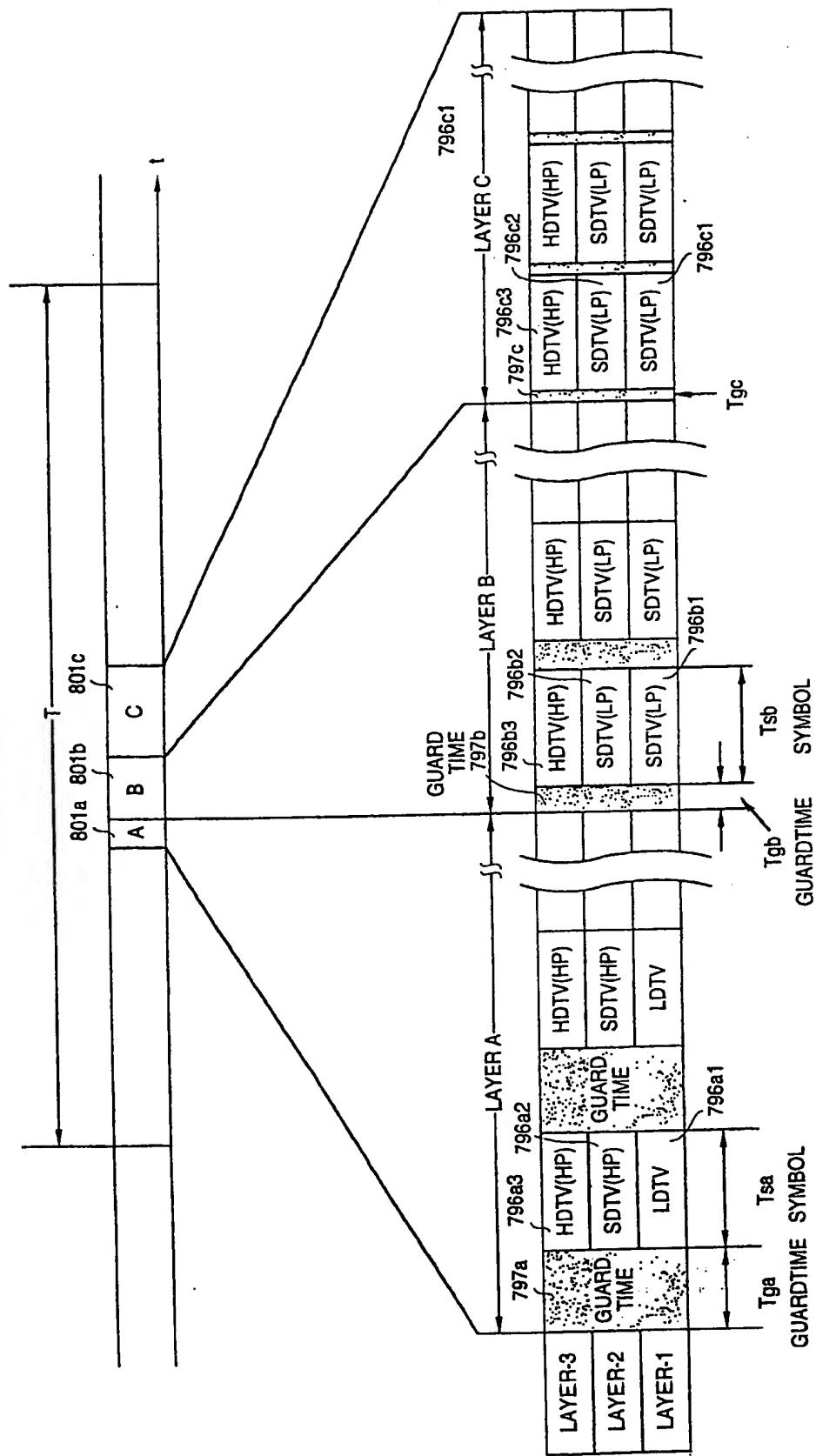
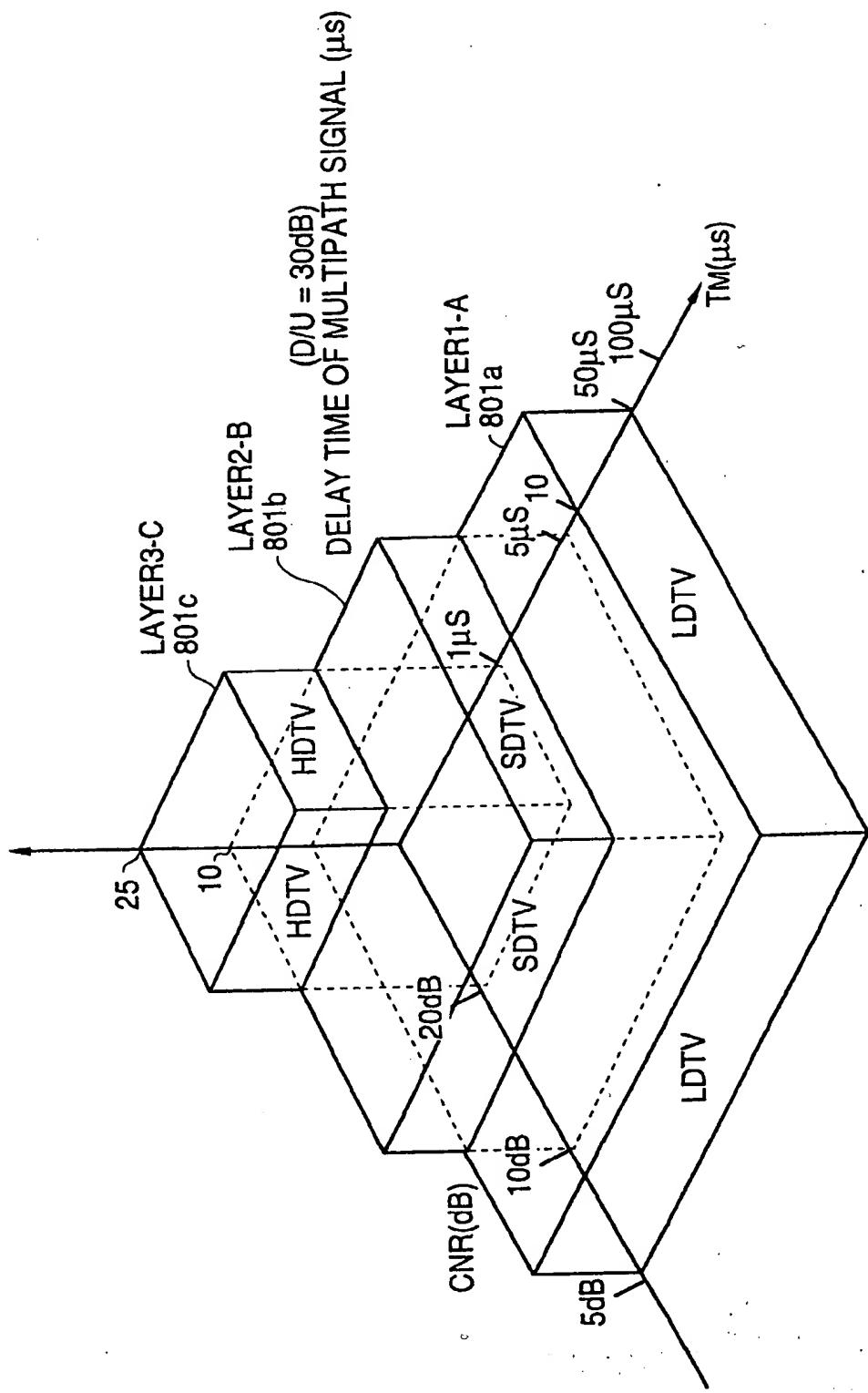


FIG. 153

TRANSFER RATE (Mbps)



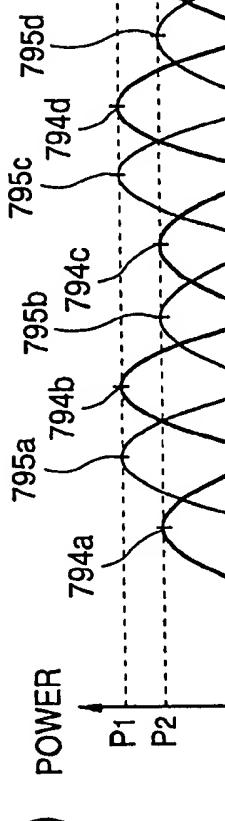


FIG. 154(a)

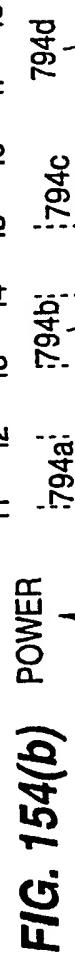


FIG. 154(b)

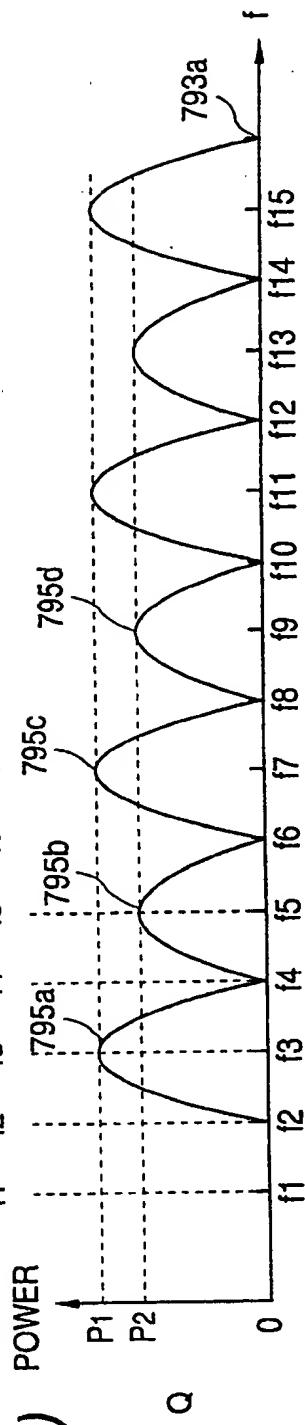


FIG. 154(c)

FIG. 155

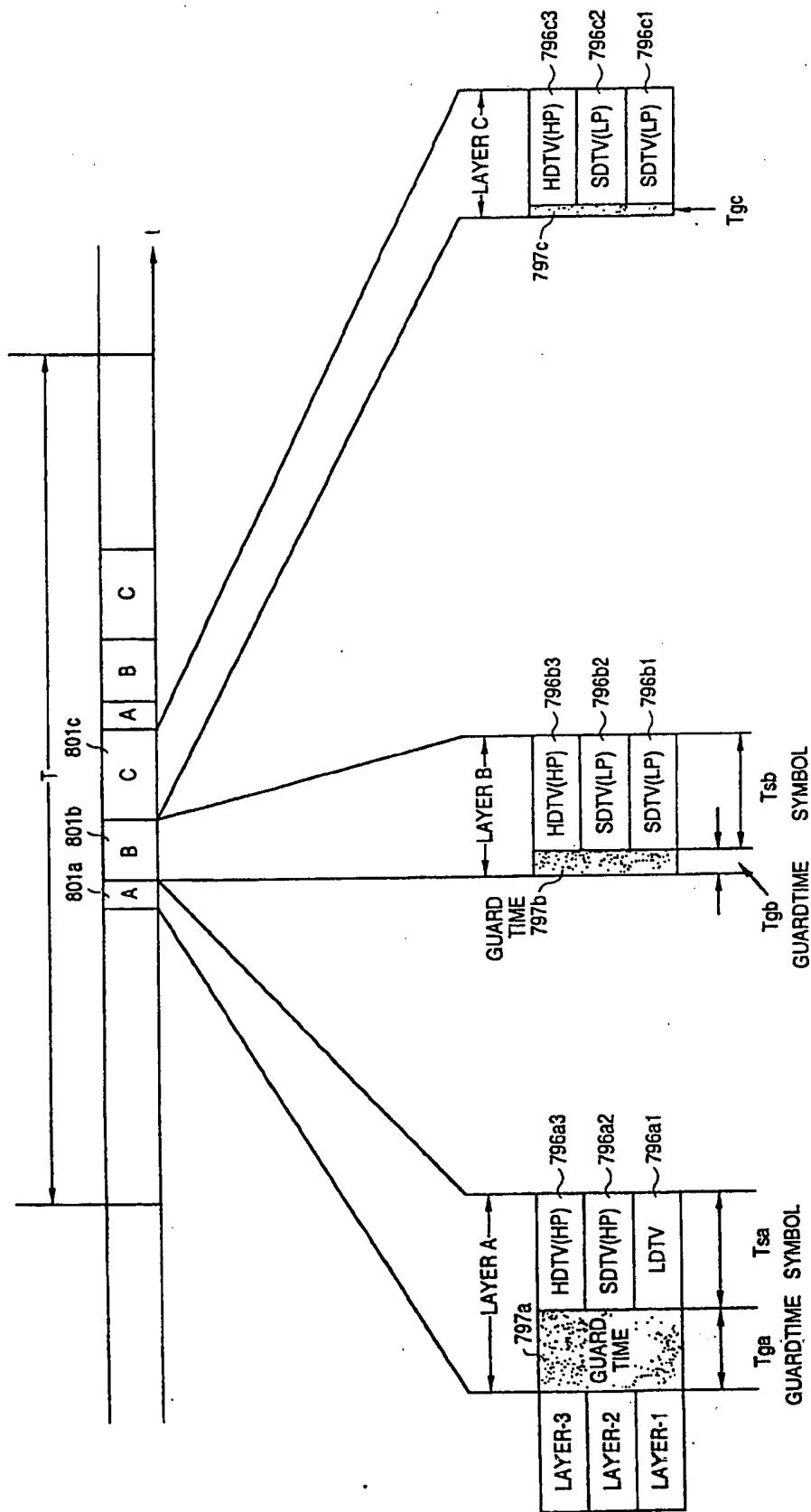


FIG. 156

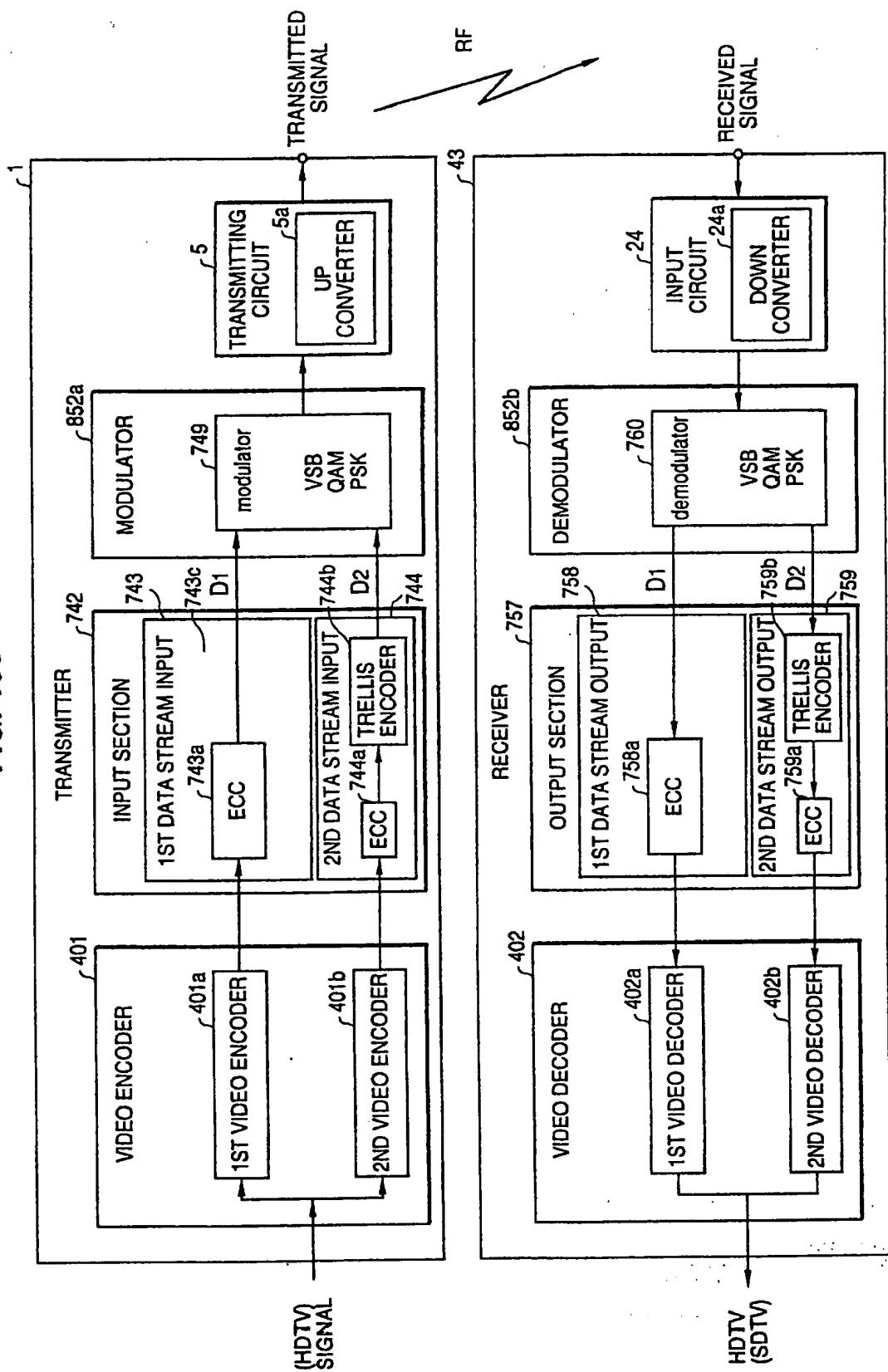


FIG. 157

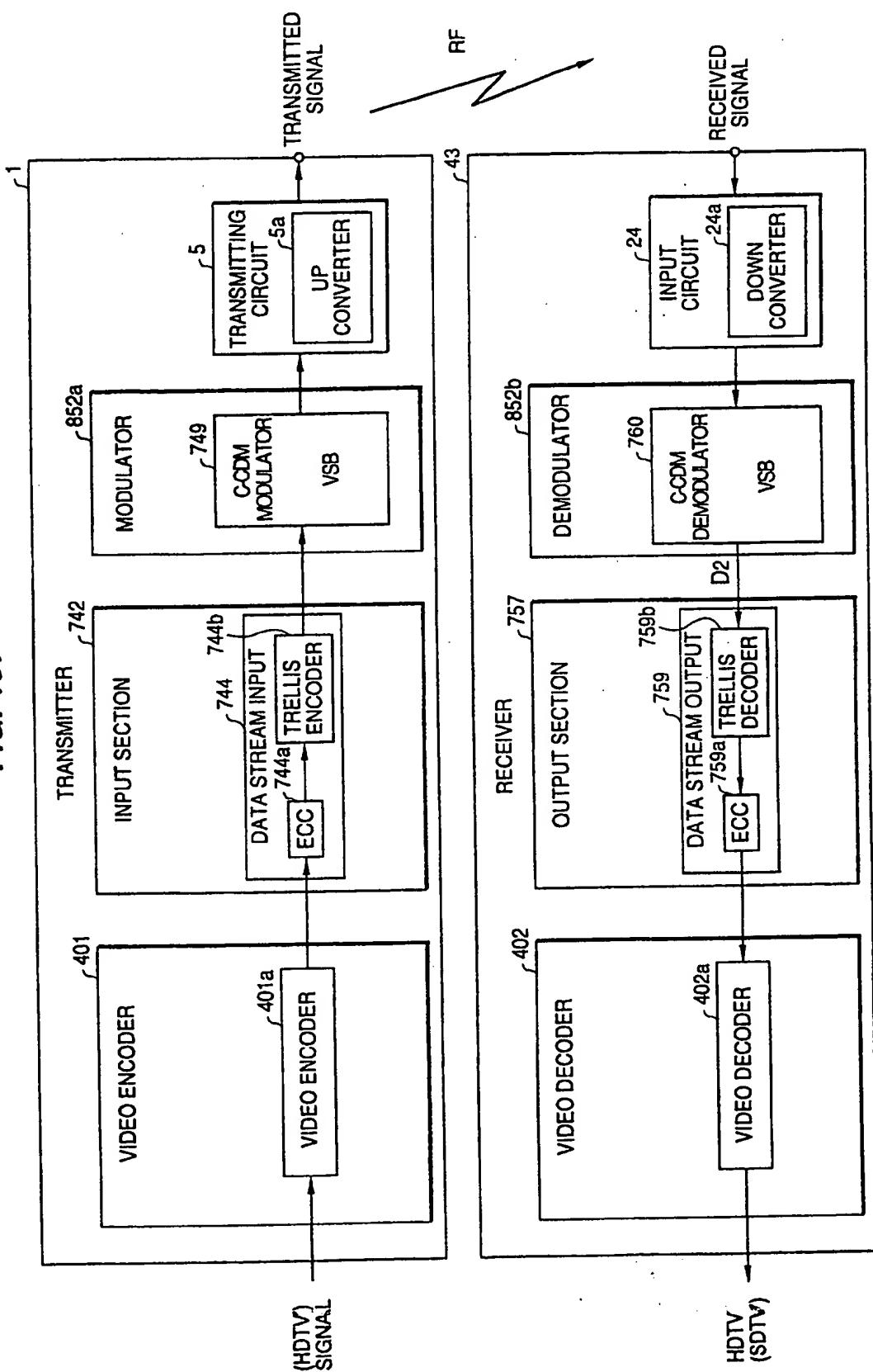
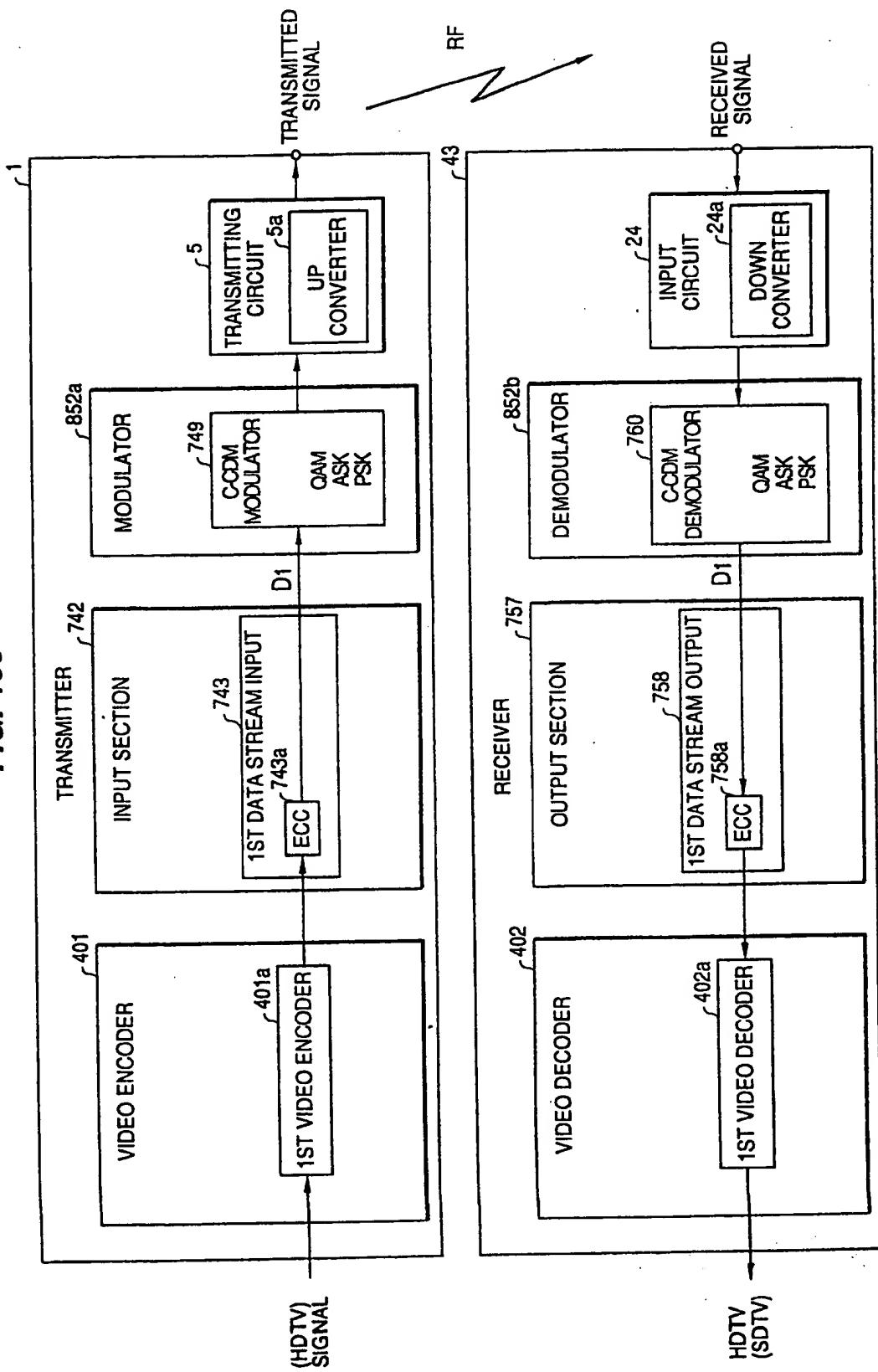


FIG. 158



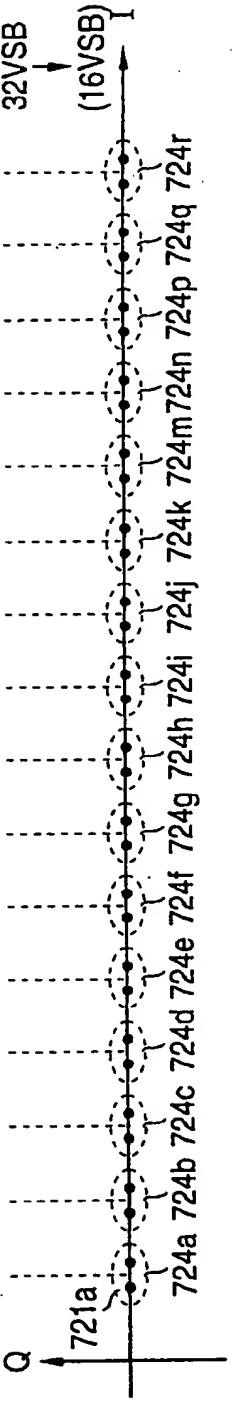
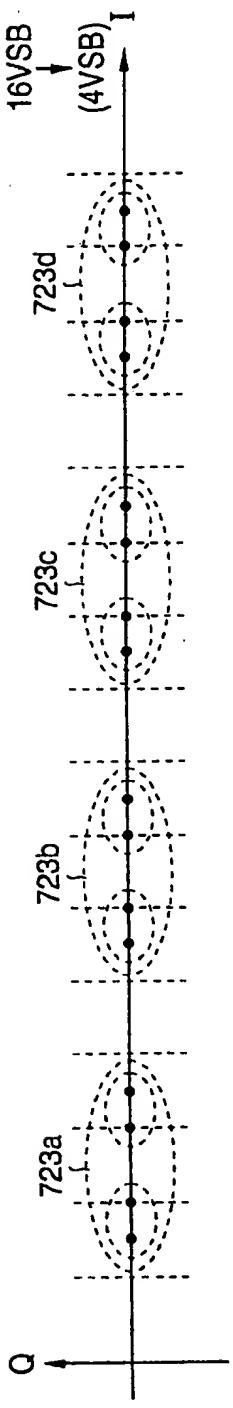
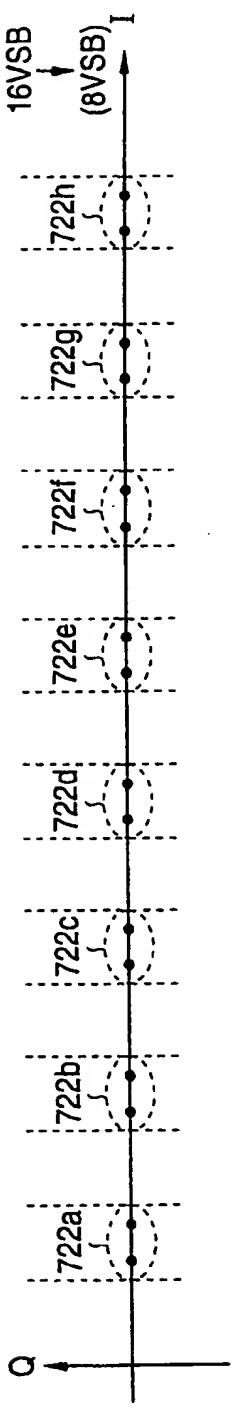
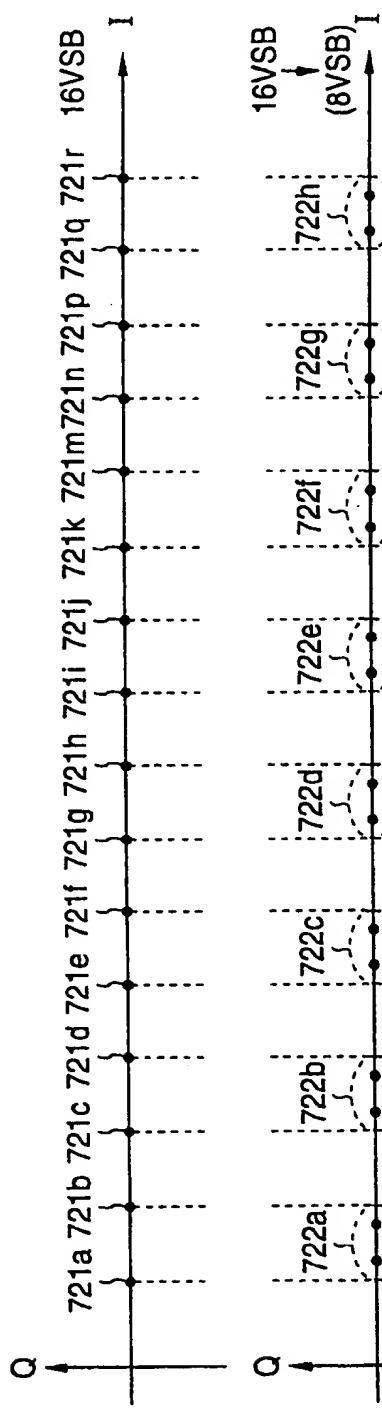


FIG. 159(a)

FIG. 159(b)

FIG. 159(c)

FIG. 159(d)

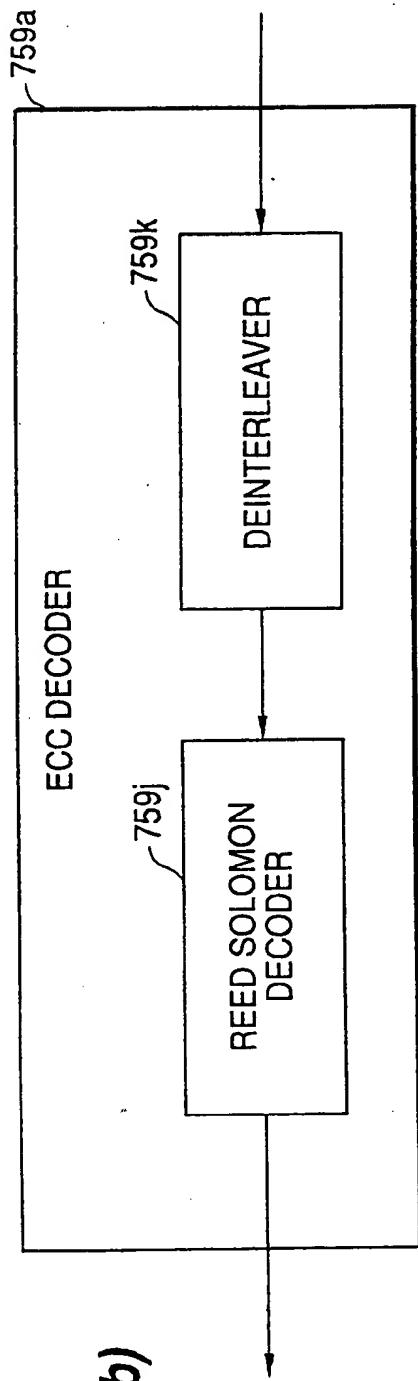
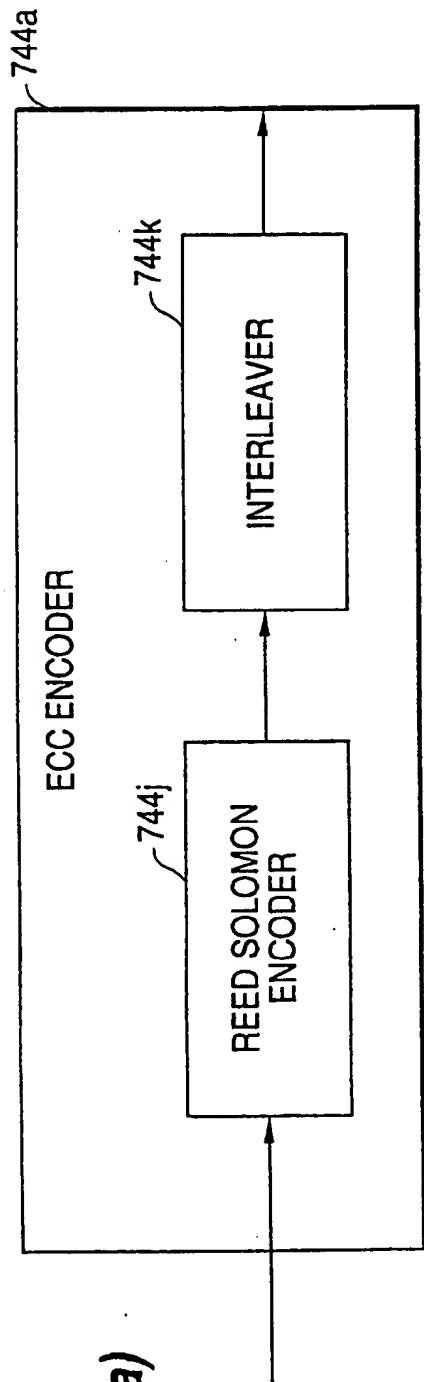


FIG. 161

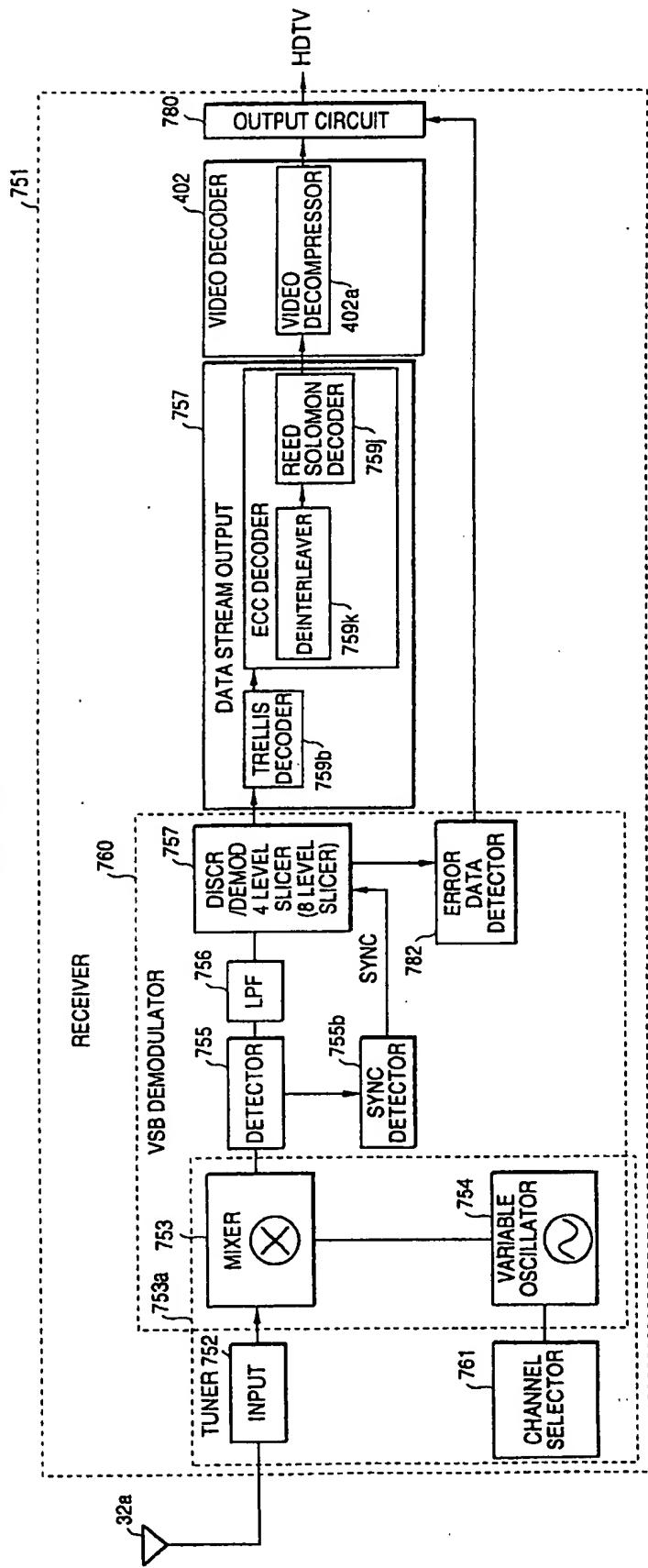


FIG. 162

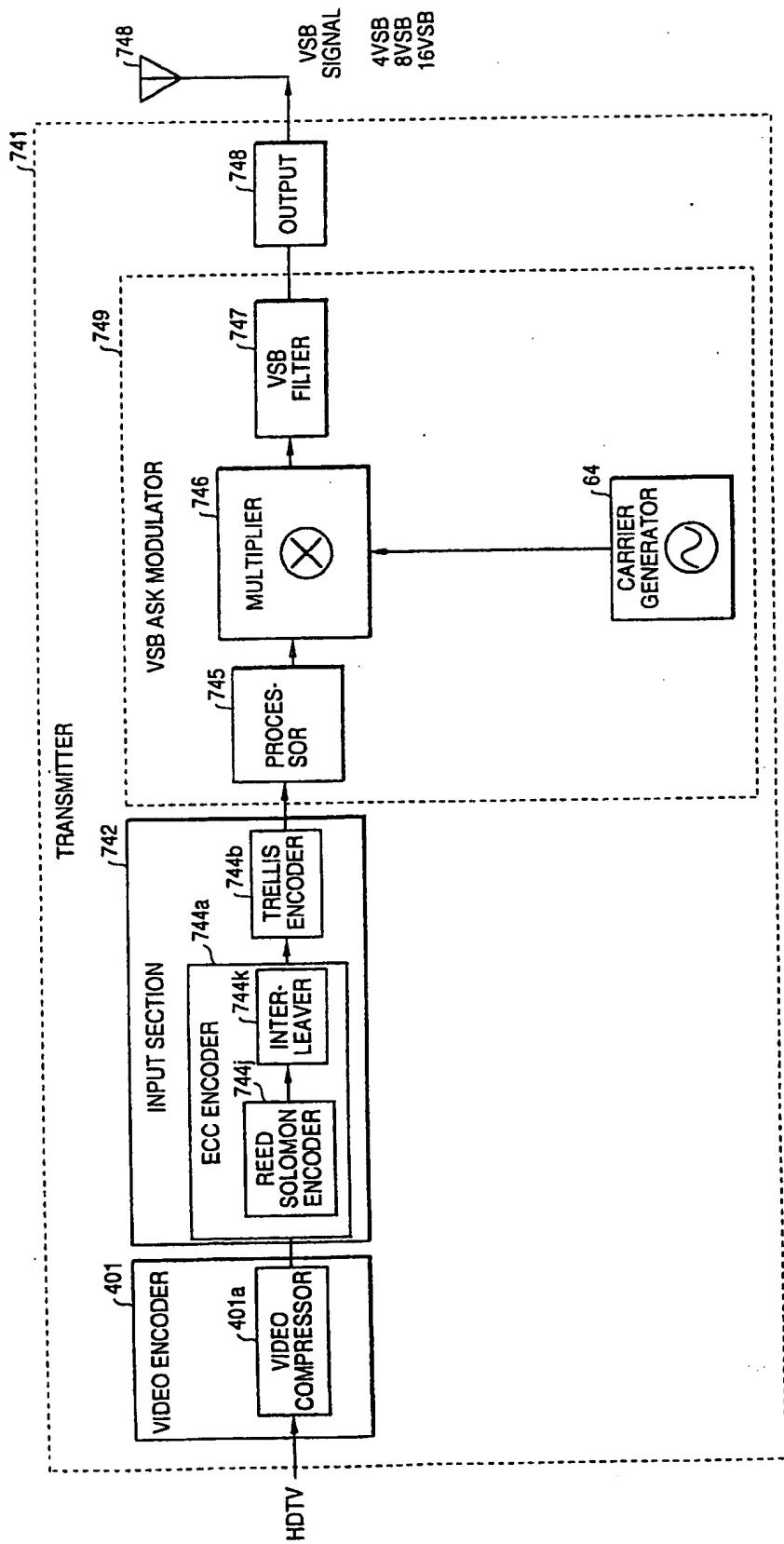


FIG. 163

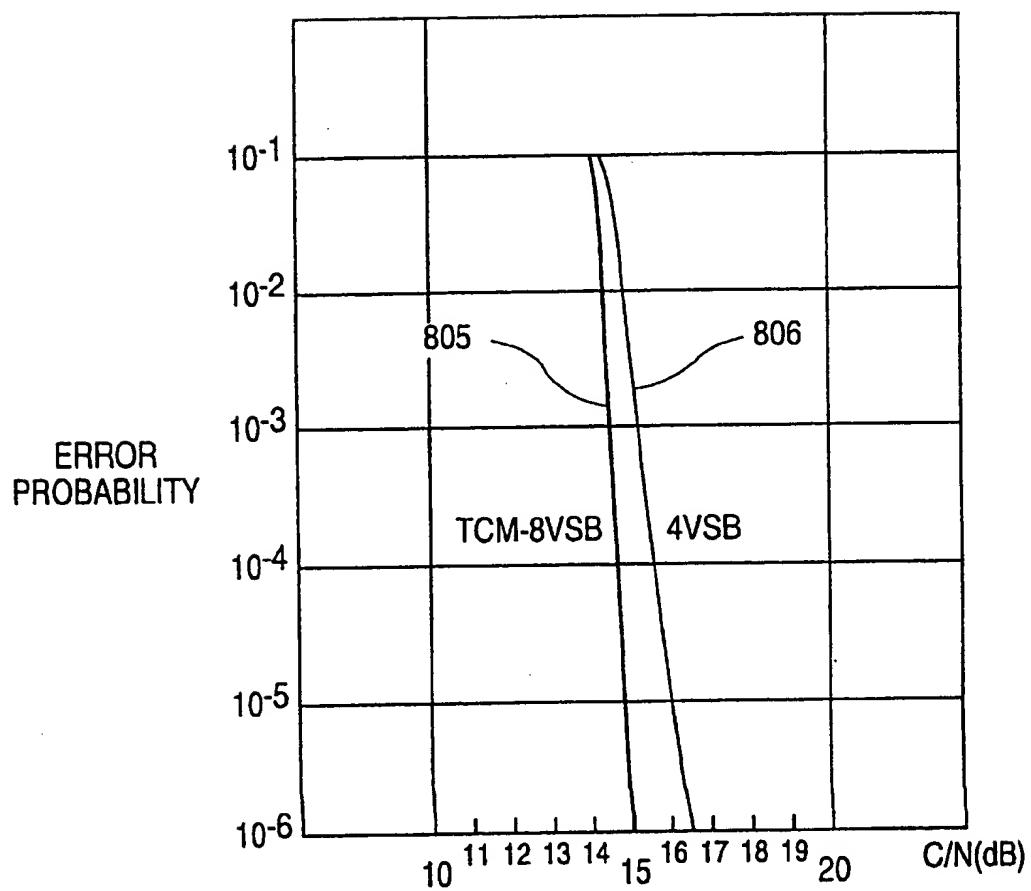


FIG. 164

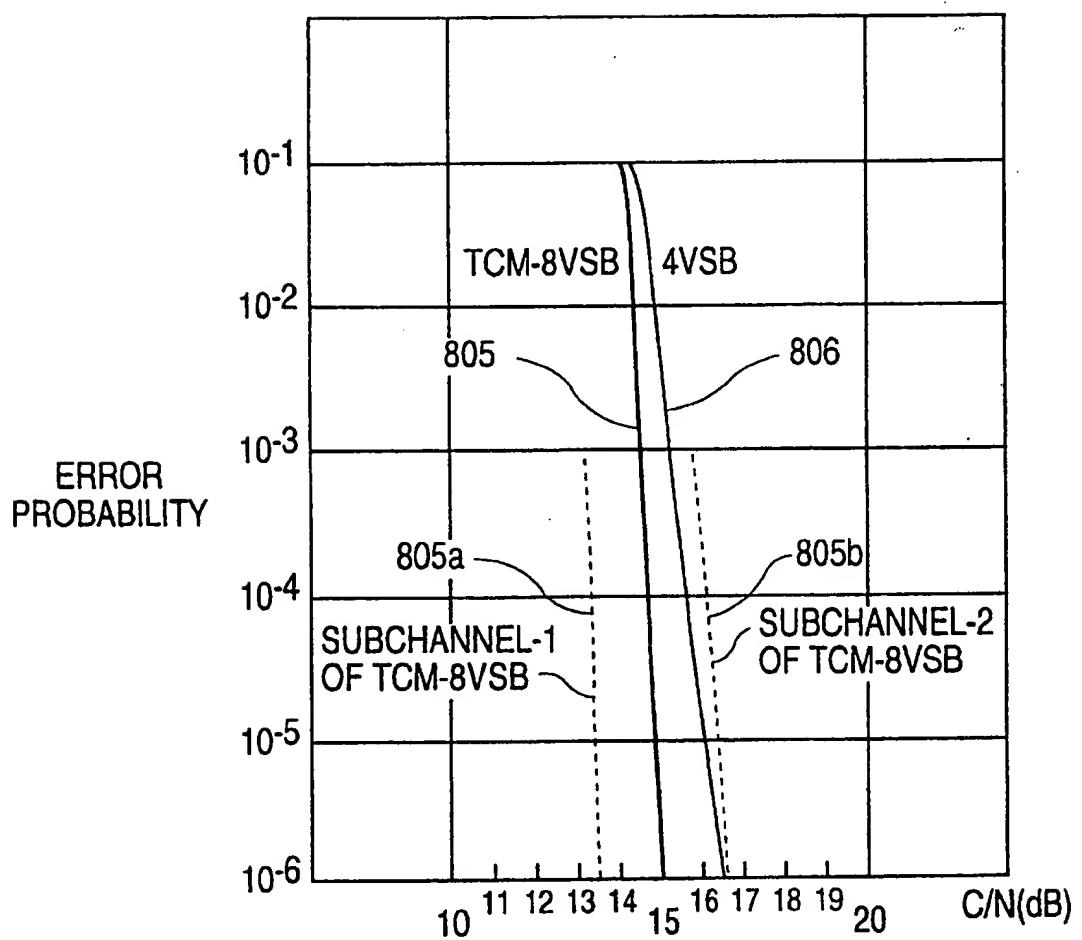


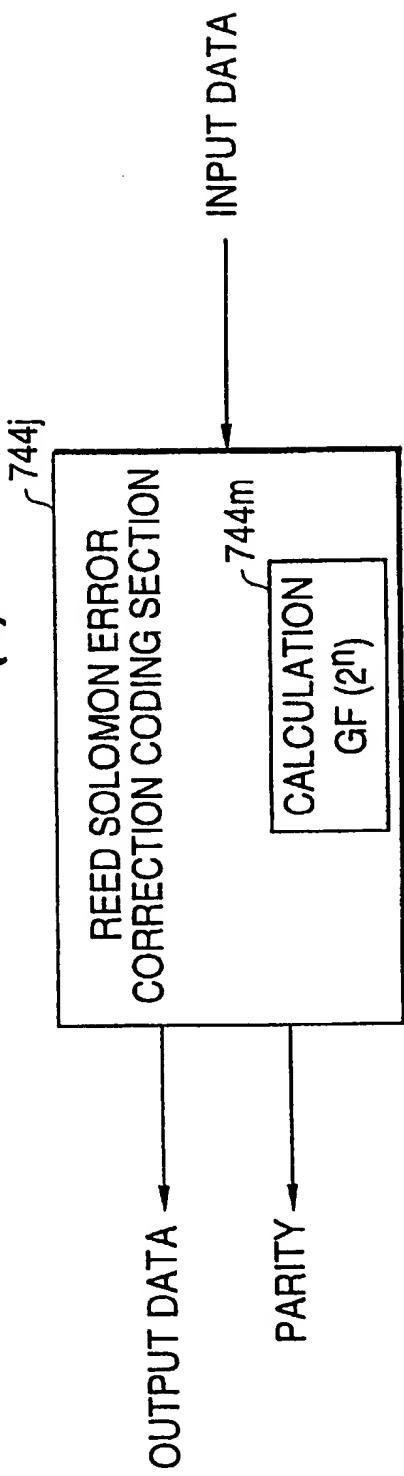
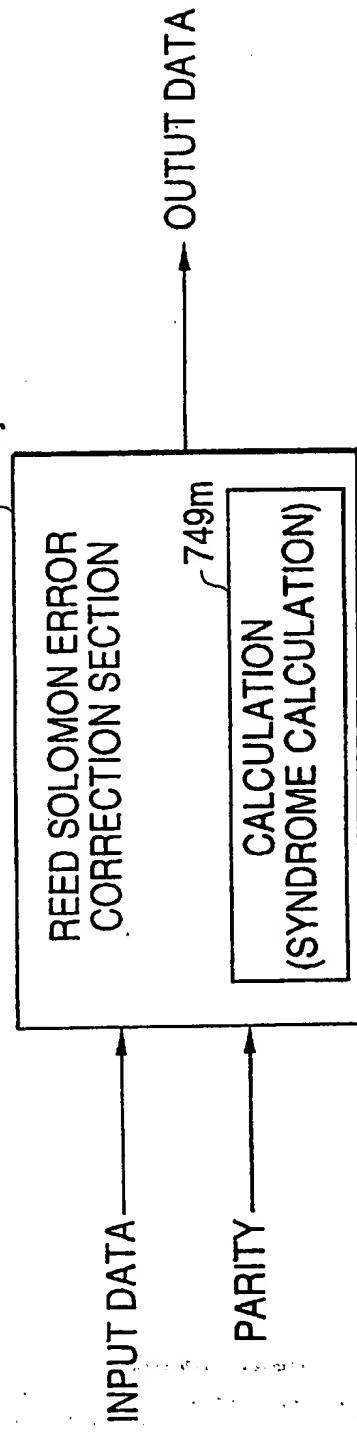
FIG. 165(a)**FIG. 165(b)**

FIG. 166

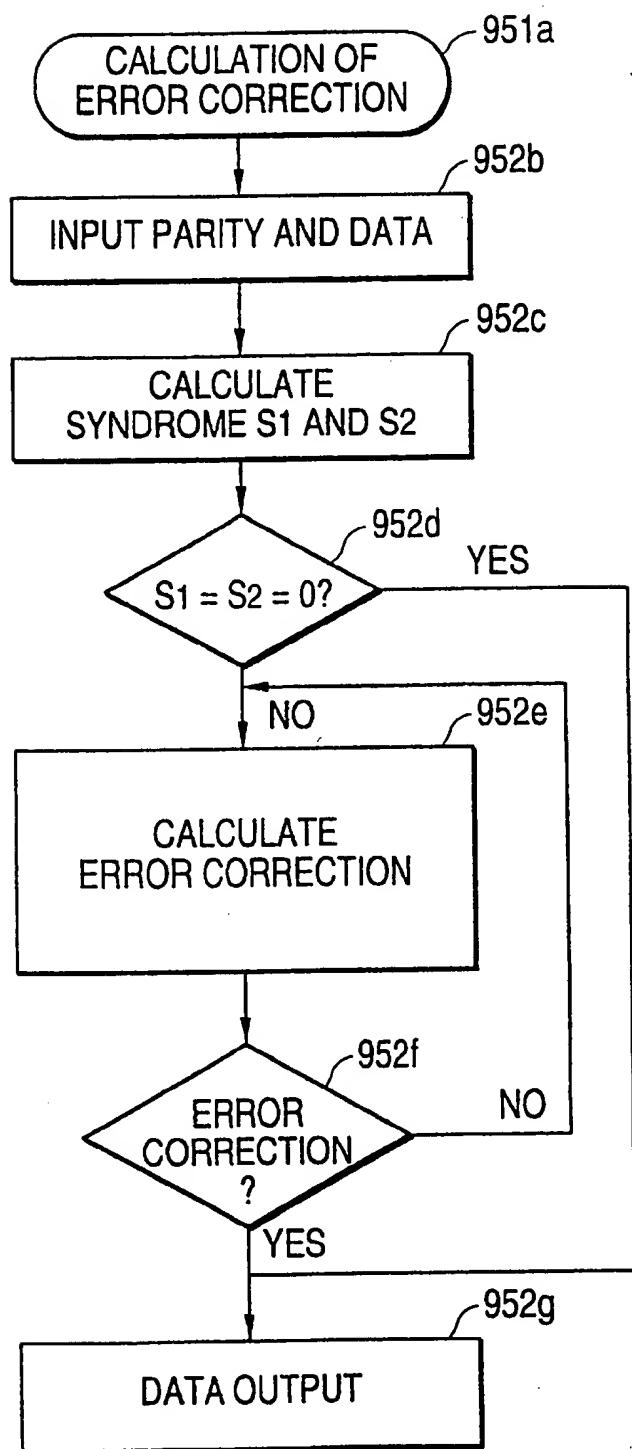


FIG. 167

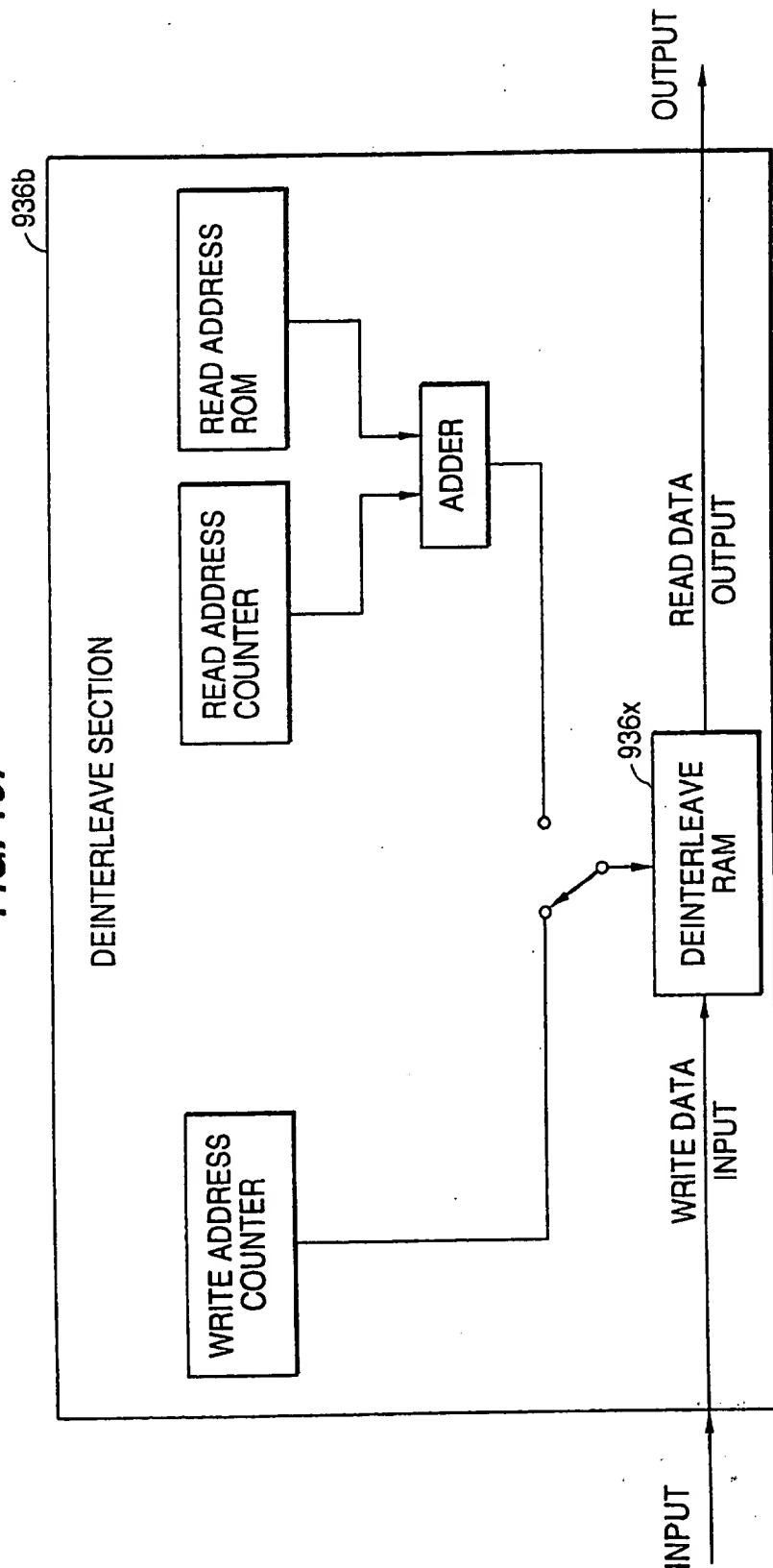


FIG. 168(a)

	1	2	3	4	5	6	7	C2 PARITY
DATA								
1	A 1	A 2	A 3	A 4	A 5	A 6	A 7	954
2	B 1	B 2	B 3	B 4				951a
3	C 1							
4	D 1							
5	E 1							
6	F 1							
		C1 PARITY	PARITY	PARITY	PARITY	PARITY	PARITY	
951b								

FIG. 168(b)

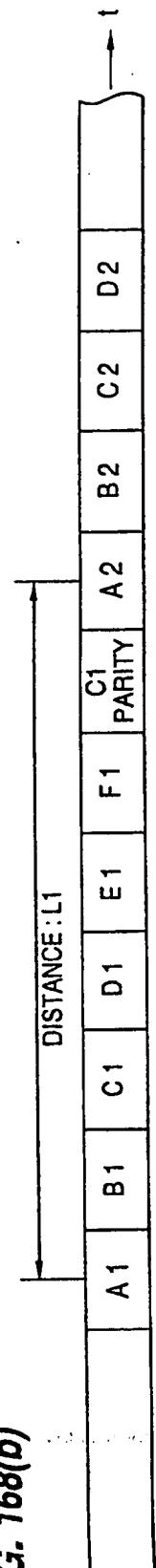


FIG. 169

COMPARISON OF REDUNDANCY

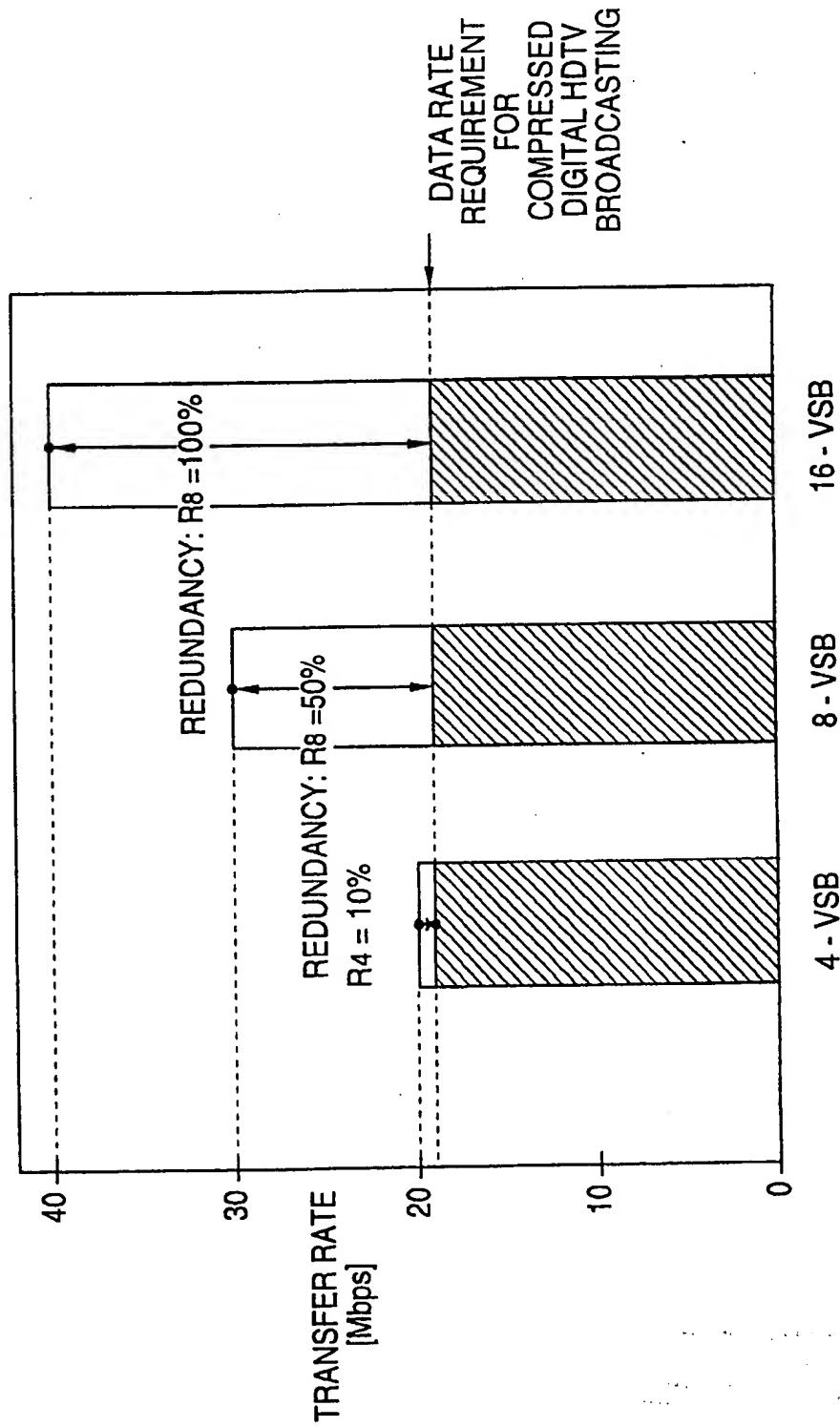


FIG. 170

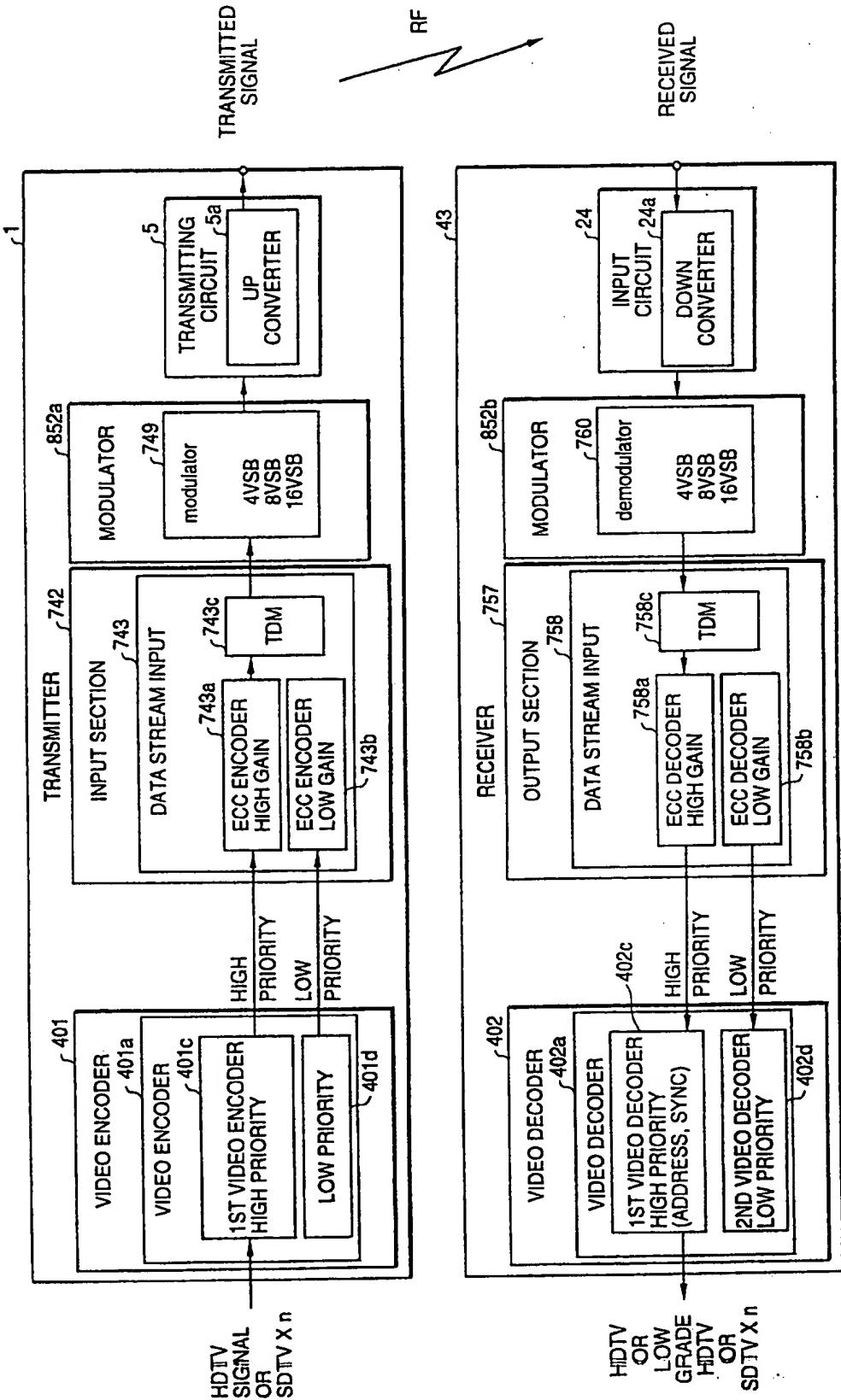


FIG. 171

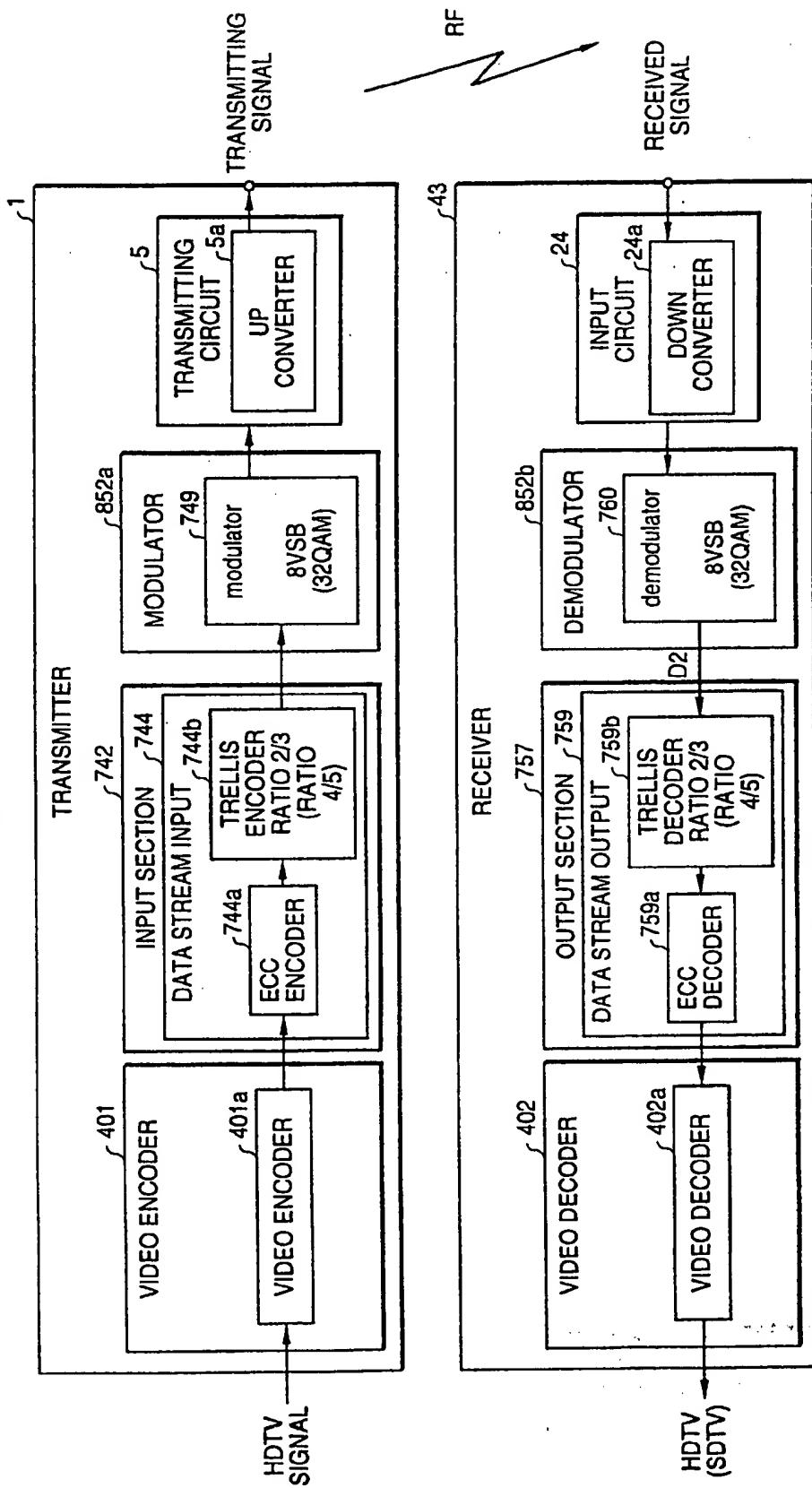


FIG. 172

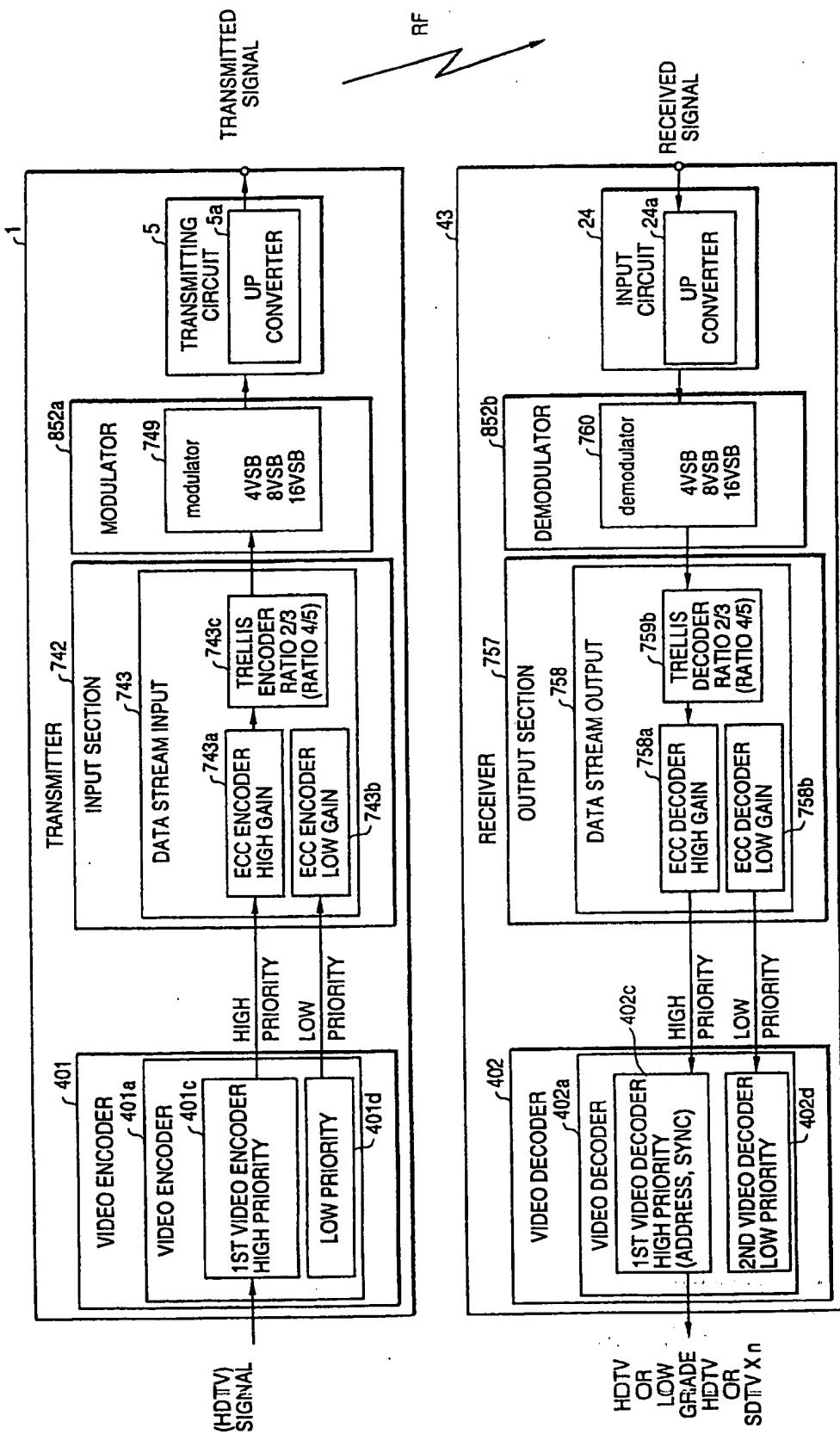


FIG. 173

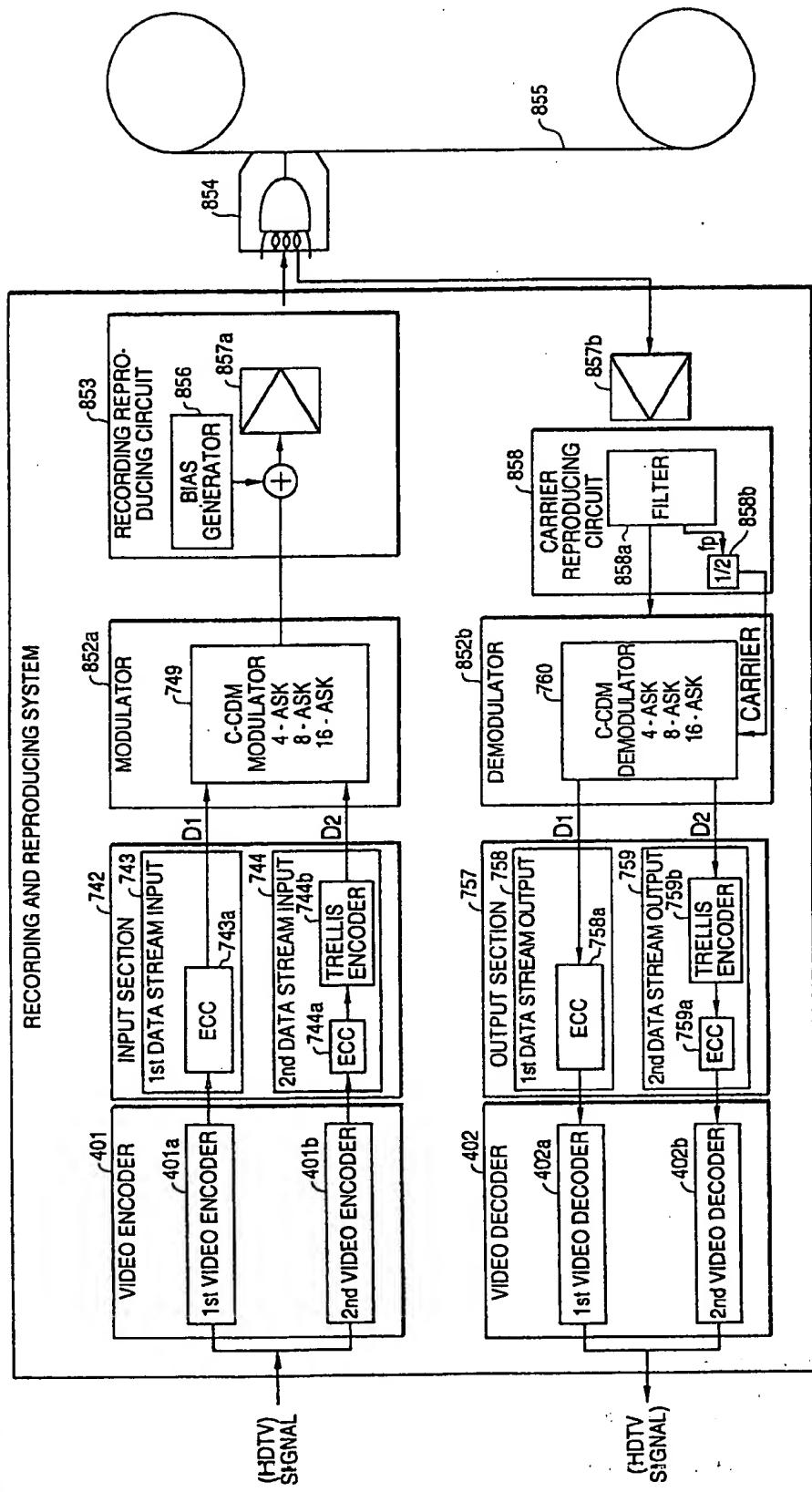


FIG. 174

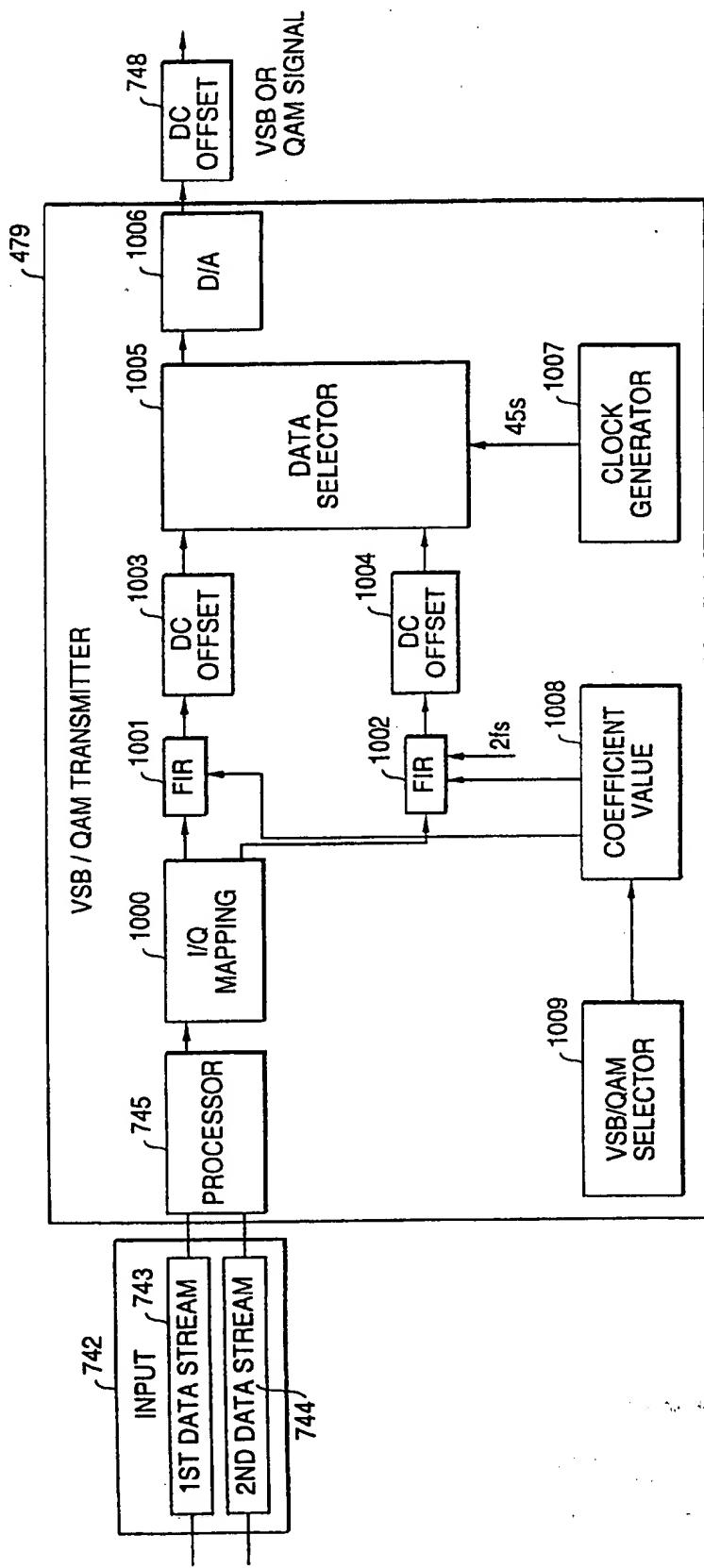


FIG. 175

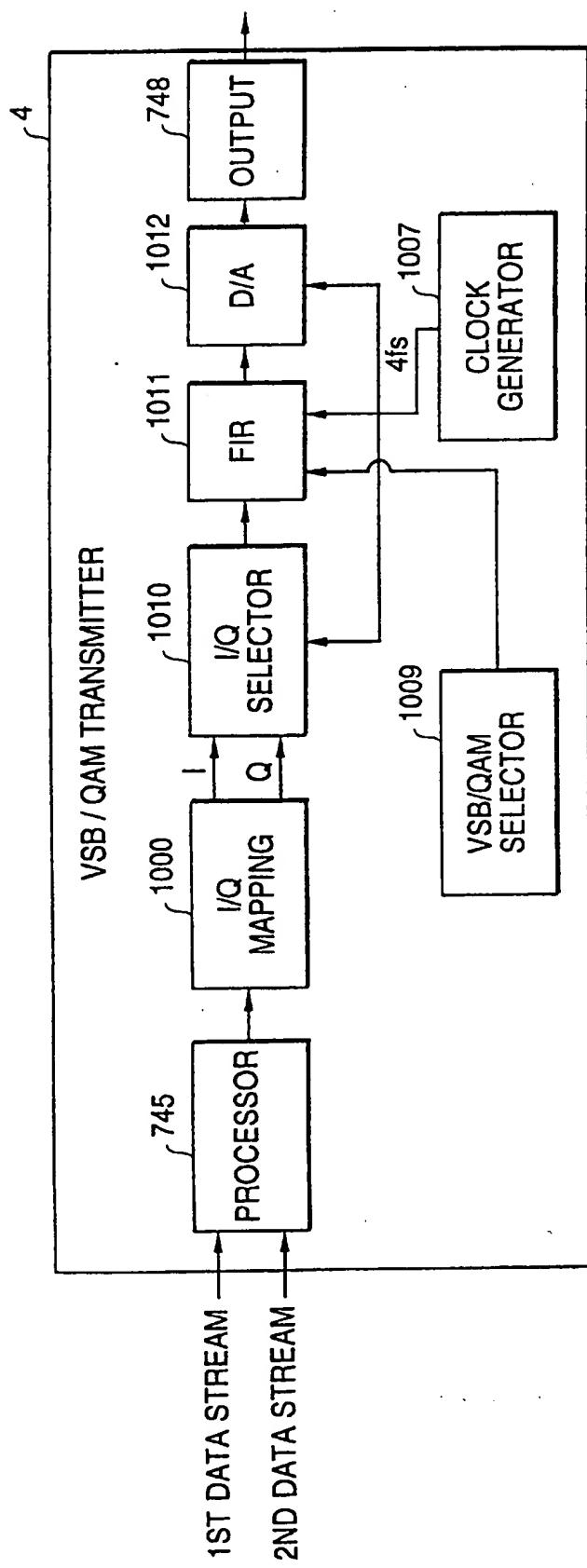


FIG. 176

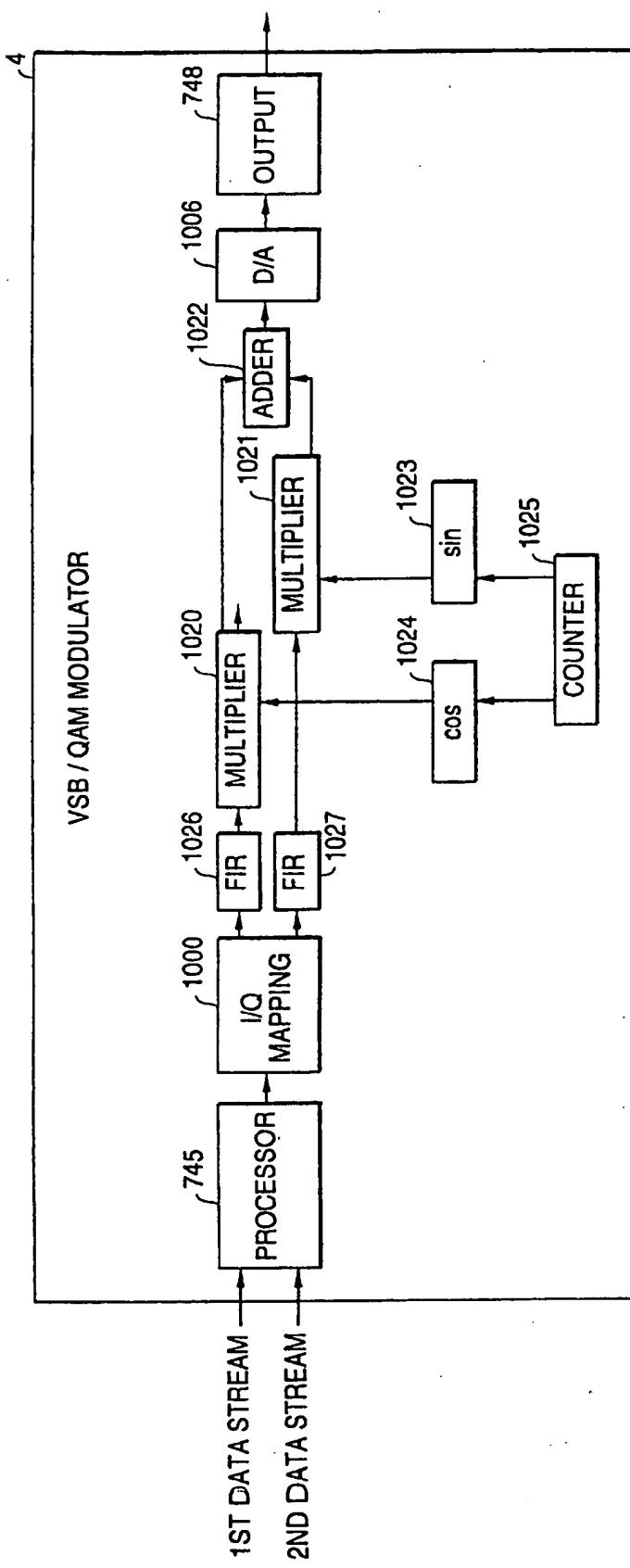


FIG. 177

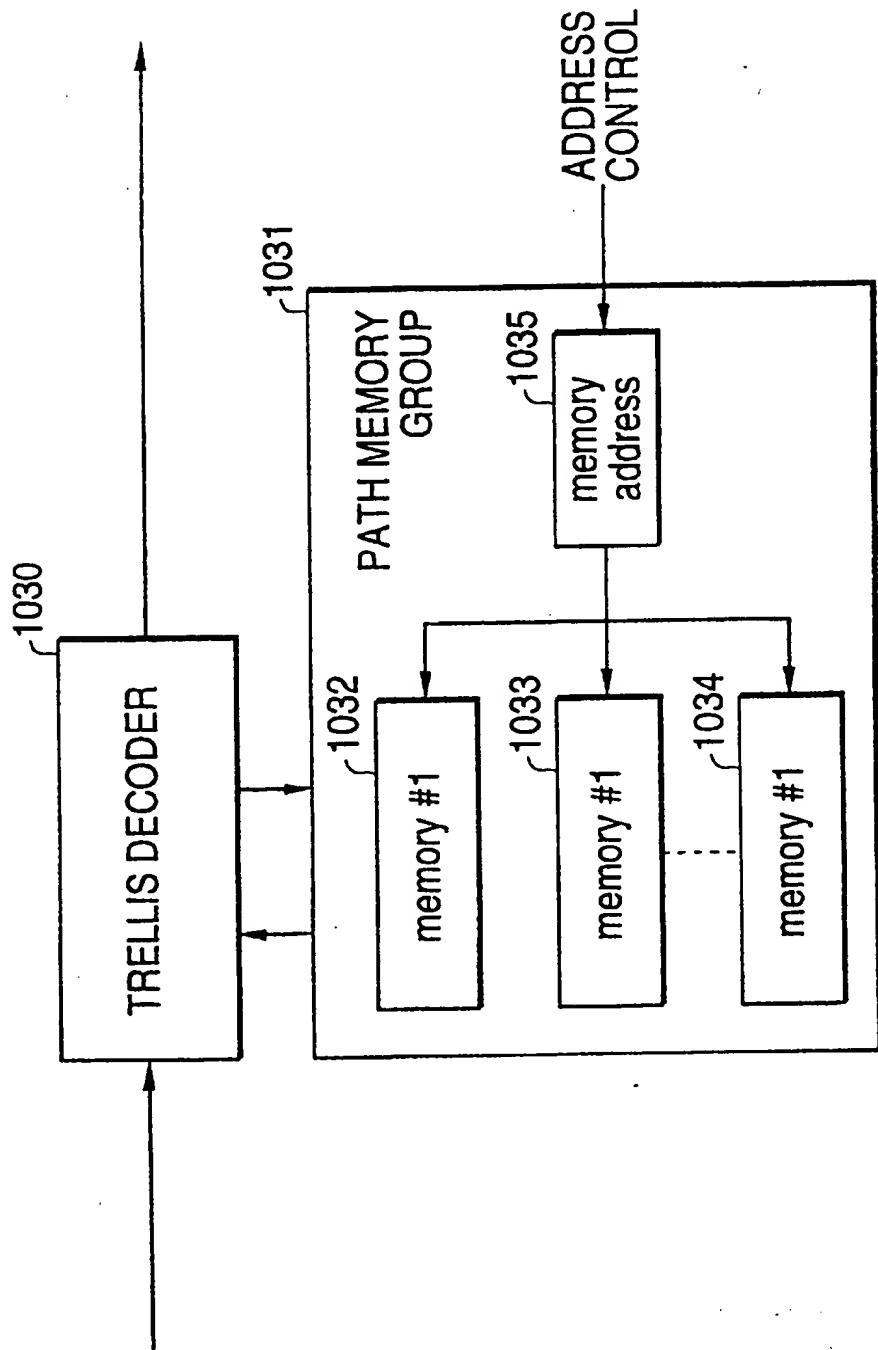


FIG. 178

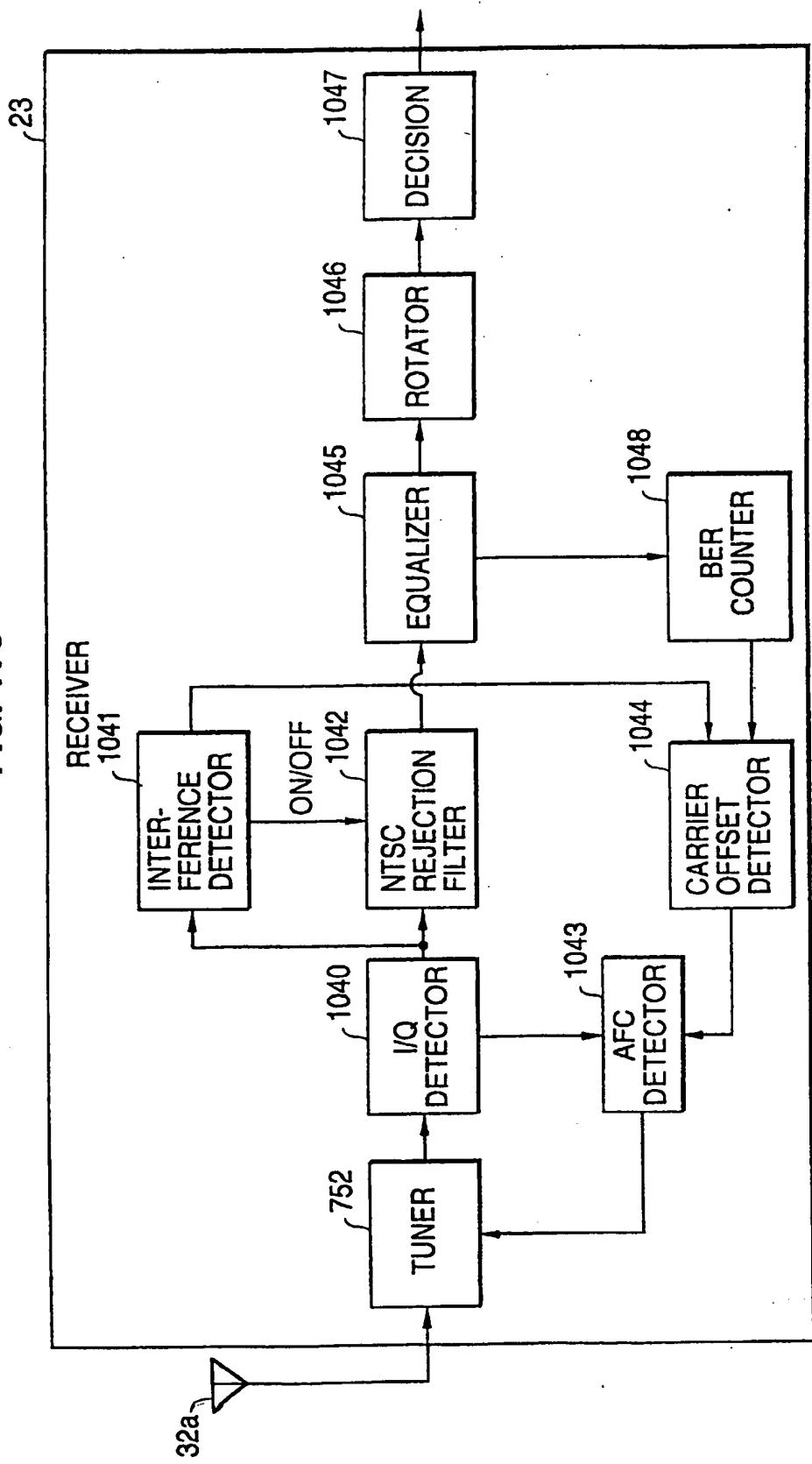


FIG. 179

